TABULAE
REGIOMONTANAE
REDUCTIONUM

OBSERVATIONUM ASTRONOMICARUM

AB ANNO 1750 USQUE AD ANNUM 1850

COMPUTATÆ.

AUCTORE

FRIDERICO WILHELMO BESSEL.

REGIOMONTI PRUSSORUM:
SUMTIBUS FRATRUM BORNTRAEGER.
1830.

PARISIIS: APUD BACHELIER.
LONDINI: APUD TREUTTEL, WUERZ & RICHTER. —
BLACK YOUNG & YOUNG.
AMSTELODAMI: APUD MUELLER & COMP.
PETROPOLI: APUD GRÆFF.

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Introductio.

Praesens cognitio motuum Systematis Solaris non eos fecit progressus, quos polliceri videbatur et ingens numerus et bonitas observationum, quae inde a *Bradleji* temporibus circa Solem et Lunam et Planetas sunt institutae. Illud quidem vere dici potest, Tabulas astronomicas hodie non integris minutis primis a coelo aberrare, sed si Tabulae illae e. g. in planetae oppositione et bene observata et accurate reducta iis adhibitis praesidiis, quae ab anno 1750 usque ad haec nostra tempora suggesta sunt, quinque minutis secundis plus ab observatione recedunt, error earum tam manifestus et apertus est, quam antea error minutum primum superans. Ac tantum abest, ut Tabulae observationum praecisioni semper respondeant, ut ipsae Tabulae Solis, quas initio hujus saeculi *Celeberrimi de Lambre* et *de Zach* dederunt, a Tabulis meis anno 1828 editis *), quae *nunc* cum observationibus consentiunt, 10″ saepe discrepent: errorum vero indices, qui sunt in Cel. *Bouvardii* Tabulis Jovis, Saturni et Urani haud raro ostendunt errores, qui extra illum limitem egrediuntur **).

Incertum est, quae caussa sit horum errorum. Ab ipsis observationibus non possunt originem habere, dummodo eae cum Tabulis comparentur, quae in Speculis et bene instructis et recte administratis sint institutae, eoque sint numero, ut consensus earum mutuus a fortuitis vitiis eas liberas esse doceat. Quare tribuendi sunt aut rationi observationes reducendi aut Tabulis, quae vel in Elementis ellipticis, vel in positis planetarum perturbantium massis, vel in formulis perturbationes ad calculum revocantibus minus perfectae esse possunt, aut obscuras significant caussas, motum perturbantes, ad quas theoriae lumen nondum accesserit. Sed profecto summum debet videri Astronomiae problema, illud saepe dictum neque tamen in unoquoque casu satis confirmatum, quam diligentissime examinare, an theoria cum experientia semper consentiat. Hujus problematis solutio quum ab omni parte studiosissime tentata fuerit, aut perfecto et absoluto modo confirmabitur theoria *Newtonii*, aut ab omni dubio procul

*) *Schumacher*, Astronomische Nachrichten, Nr. 133 et 134.

**) Tables Astron. publiées par le Bureau des Longitudes de France. Paris, 1821.

cognoscetur, eam in quibusdam casibus sine mutatione aliqua non sufficere, aut praeter cognita corpora perturbantia obscuras superesse perturbationum caussas.

Ut solvi possit hoc gravissimum problema, primum necesse est praesidia quaeramus, quibus usi verum ex observationibus fructum capere valeamus pro ipsarum bonitate, neque propriis erroribus novos addamus a reductione profectos. Absolute quidem hoc nunquam assequi licet, quum vel diligentissima Elementorum reductionibus inservientium pervestigatio propius quidem ad veritatem accedere, ipsam veritatem assequi nequeat, sed illud sperandum est, fore, ut reductionum Elementa *pro initio et fine* certae periodi tam accurate definiantur, ut ipsorum praecisio praecisioni respondeat observationum *illo temporis intervallo* institutarum. Hujus rei periculum feci determinando reductionum Elementa primum pro medio superiore saeculo ex indagatione observationum *Bradleji* *), deinde pro praesenti tempore ex observationibus, quae sunt institutae in specula Regiomontana **). Jam mea sententia Adscensiones rectae et Declinationes illarum 36 Stellarum fundamentalium *Maskelynii* nec non stellae polaris pro periodo ab anno 1750 usque ad hanc nostram aetatem tanta gaudent praecisione, ut residui errores comparati cum observationum erroribus per idem temporis spatium institutarum haud magni sint ducendi. Quod verius etiam dici potest de differentiis Adscensionum rectarum et Declinationum quam de absolutis earum numeris. Quare si futurum tempus indicaverit errores absolutarum determinationum, praecisione, quae observationibus ab anno 1750 usque ad nostram aetatem institutis sufficiat, quid inde in reductiones harum observationum redundet, per formulam a solo tempore pendentem ad calculos vocare poteris, nec opus erit repetita et redintegrata reductione, modo iisdem semper Elementis usus fueris.

Praeterea si consideramus in dies crescentem observationum multitudinem, in qua semper difficilius erit, observationes ea forma, qua proferri solent ab Astronomis, quaque proferri fas est, animo complecti, eas stipatas optabimus longe minore momentorum numero, ad quae is, qui planetae theoriam scrutandam sibi sumpserit, possit semper redire, omissa originalium observationum cura. Pro superioribus planetis e. g. tempora et loca oppositionum fortasse etiam quadraturarum semel ea qua par est diligentia ex observationibus ab anno 1750 institutis ad calculum vocata, his hodiernis adhibitis praesidiis, totam harum observationum seriem brevissima forma comprehendent.

Haec omnia complectenti mihi videtur plurimum valere ad futuros progressus in cognitione systematis Solaris, loca planetarum ab anno 1750 observata quam diligentissime secundum eadem semper Elementa in catalogos redigere, ut quisque locus expositus in illis ex pluribus observationibus collectus sit. Sed quia omnium planetarum theoriae mutuo vinculo inter se con-

*) Fundamenta Astronomiae pro Anno 1755. Regiomonti, 1818.

**) Vide singulas partes observationum Astronomicarum in specula Regiomontana factarum, duasque insuper dissertationes, quas Academiae scientiarum Berolinensi diebus 17. Jun. 1819 et 24. Mart. 1825 tradidi.

junctae sunt, prius construantur oportet catalogi pro universis planetis, quam theoria inquiratur singulorum *). Quo labore nullum credo nunc majorem utilitatem Astronomiae allaturum esse.

Hanc opinionem secutus jam plures abhinc annos partem hujus observationum reductionis, nempe omnia, quae ad apparentia stellarum fixarum loca pertinent, exoptavi in medium proferre. Quum igitur disquisitio de mediis locis illarum 36 stellarum fundamentalium *Maskelynii* atque stellarum α et δ Ursae minoris ad eum limitem pervenisset, quem ultra progredi spem ipse deponerem, partim ipse laborem aggressus sum, ut Tabulas construerem, quas nunc Astronomis trado, partim usus sum auxilio, quod comiter mihi obtulerant viri dilectissimi, *Albert* Monacensis, *Anger* et *Busch* Gedanenses, *Olufsen* Hafniensis, *Dr. a Steinheil* Monacensis, qui per aliquod tempus Regiomonti studium posuerunt in Astronomia, et praeter hos vir optime meritus *Knorre*, qui praeest speculae Nicolajeviensi, vires nobiscum consociavit. Quid cuique debeatur amicorum mihi tam carorum, in explicandis singulis Tabulis nominatim indicabo.

Tabularum forma plane accommodata est ad eam rationem, quam, prout peculiares Tabulas pro singulis stellis respicit, anno 1818 **), prout generales omnibus stellis inservientes, anno 1821 ***) publici juris feci. Cujus rationis hoc est proprium, ut Tabulis non Longitudo Solaris neque Longitudo Nodi ascendentis Lunaris, sed ipsum tempus suppeditetur pro Argumento, praeterea ut stellarum apparentia loca dentur pro ipso Culminationis momento. Hoc modo ampliores quidem evadunt Tabulae, sed praecisio facilitasque usus hoc incommodum prorsus videtur restituere. Sed antequam accuratius has Tabulas explicem, brevi exponam de stellarum locorum mutationibus, quae ex Praecessione, Motu proprio, Nutatione et Aberratione oriuntur. Quorum plurima quidem jam prius separatim pluribus locis in lucem edidi, hic vero collecta et ubi necessarium videbatur paullulum immutata trado, ut omnes quae reductioni inserviunt formulae uno in loco reperiantur.

De media Aequinoctiorum Praecessione.

Quum situs circulorum maximorum, ad quos loca stellarum referuntur, in sphaera coelesti mutetur, mutantur etiam stellarum loca: motus Aequatoris Adscensionem rectam et Declinationem, motus Ecliptices Longitudinem mutabit et Latitudinem: quoniam vero Adscensio recta non a fixo Aequatoris puncto, neque Longitudo a fixo Ecliptices puncto, sed utraque a vernali Aequinoctiorum puncto numeratur, idque punctum motu utriusque circuli mu-

*) His similia pro Sole proposui in libro „Astronomische Nachrichten", Nr. 134.
**) Fundamenta Astronomiae pro Anno 1755. Sect. VII.
***) *Schumacher*, Astronomische Nachrichten, Nr. 4.

tatur, inde fit, ut motus Ecliptices ad Adscensionem rectam, motus Aequatoris aliquid momenti habeat ad Longitudinem. Omnes ex hac fonte manantes motus *Praecessioni* tribuuntur, etsi verbum hoc arctiore sensu principio est usurpatum.

Primum necessarium est, Aequatoris et Ecliptices motus ad *fixum* maximum sphaerae coelestis circulum definire, quem *Laplacio* duce eum esse volumus, quocum Ecliptica initio anni 1750 coincidebat. Jam pro indeterminato tempore $1750+t$ designabimus Obliquitatem hujus fixae Ecliptices per ω, verae Ecliptices per $\omega_{\prime}$, angulum unius cum altera per π, deinde motum ab anno 1750 numeratum punctorum, in quibus Aequator et fixa Ecliptica se invicem secant, i. e. *Praecessionem lunisolarem* per ψ, punctorum motum, in quibus Aequator a vera Ecliptica scindatur, i. e. *Praecessionem generalem* per $\psi_{\prime}$, Longitudinem Nodi ascendentis verae Ecliptices in fixa, numeratam a vernali anni 1750 Aequinoctiorum puncto per Π; postremo motum Ecliptices in Aequatore per λ. Si poli trium circulorum, quos hic consideramus, ubi e polus sit Ecliptices fixae, e' verae, a polus Aequatoris, sphaerico triangulo connectantur, habebimus per introductas significationes:

Latera	oppositos angulos
$ae = \omega$	$ae'e = \Pi+\psi_{\prime}$
$ae' = \omega_{\prime}$	$e'ea = 180°-\Pi-\psi$
$ee' = \pi$	$eae' = \lambda$

Septem hae quantitates, quibus et anguli et latera expressa sunt, tribus illis sphaerici trianguli aequationibus conjunguntur, ita ut tres earum per quatuor reliquas determinari possint. Itaque si data acceperimus ω, $\omega_{\prime}$, ψ et $\psi_{\prime}$, habebimus secundum *Nepperianas* analogias

$$[1]\quad \begin{cases} \text{Tang}\,\tfrac{1}{2}\pi\,\text{Sin}(\Pi+\tfrac{1}{2}\psi+\tfrac{1}{2}\psi_{\prime}) = \text{Sin}\,\tfrac{1}{2}(\psi-\psi_{\prime})\,\text{Tang}\,\tfrac{1}{2}(\omega_{\prime}+\omega) \\ \text{Tang}\,\tfrac{1}{2}\pi\,\text{Cos}(\Pi+\tfrac{1}{2}\psi+\tfrac{1}{2}\psi_{\prime}) = \text{Cos}\,\tfrac{1}{2}(\psi-\psi_{\prime})\,\text{Tang}\,\tfrac{1}{2}(\omega_{\prime}-\omega) \\ \text{Tang}\,\tfrac{1}{2}\lambda\,\text{Cos}\,\tfrac{1}{2}(\omega_{\prime}+\omega) = \text{Tang}\,\tfrac{1}{2}(\psi-\psi_{\prime})\,\text{Cos}\,\tfrac{1}{2}(\omega_{\prime}-\omega) \end{cases}$$

His aequationibus inveniuntur π, Π et λ.

III. *Laplace* formulas dedit *) quae ad potentias temporis evolutae suppeditant:

$$\begin{aligned} \psi &= t\,.\,50'',28760 - tt\,.\,0'',0001217945 \\ \psi_{\prime} &= t\,.\,50'',09915 + tt\,.\,0'',0001221483 \\ \omega &= 23°\,28'\,18'',0 + tt\,.\,0'',00000984233 \\ \omega_{\prime} &= 23°\,28'\,18'',0 - t\,.\,0'',52114 \\ & \qquad - tt\,.\,0'',00000272295 \end{aligned}$$

Has formulas in eo mutavi **), ut ipsas seriori quam *Burckhardtio* debemus determinationi massae Veneris accommodarem, deinde ut loco primi membri ipsius ψ eum ponerem Praecessionis Lunisolaris valorem, quem exhibuerat catalogi Fundamentorum Astronomiae pro 1755 cum catalogo *Piazziano*

*) Traité de mécanique céleste. Vol. III. P. 158.

**) Fundamenta Astronomiae. Sect. XI. P. 297.

completa collatio. Serius autem quum absolutas Adscensiones rectas 36 stellarum fundamentalium bis, pro 1815 et 1825, ex propriis observationibus destinassem, eas conquisivi correctiones, quae Adscensionibus rectis catalogi *Piazziani* universe admovendae essent, ut earum cum iis, quae modo laudavi, fieret plana consensio. Ita formulae illae secundam mutationem passae *) in has sequentes abierunt

$$[2]\begin{cases}\psi = t\,.\,50'',37572 - tt\,.\,0'',0001217945\\ \psi_{,} = t\,.\,50'',21129 + tt\,.\,0'',0001221483\\ \omega = 23^\circ\,28'\,18'',0 + tt\,.\,0'',0000098423\,3\\ \omega_{,} = 23^\circ\,28'\,18'',0 - t\,.\,0'',48368\\ \qquad\qquad - tt\,.\,0'',00000272295\end{cases}$$

Quae formulae, substitutae in [1] et evolutae ad potentias temporis suppeditant

$$[3]\begin{cases}\Pi = 171^\circ\,36'\,10'' - t\,.\,5'',21\\ \pi = t\,.\,0'',48892 - tt\,.\,0'',0000030719\\ \lambda = t\,.\,0'',17926 - tt\,.\,0'',0002660394\end{cases}$$

Nunc duo illa problemata, quibus locorum stellarum mutationes, ex Praecessione manantes, definiantur, solvere licet, nempe

Problema I. Data stellae Longitudine l, Latitudine b pro tempore $1750 + t$, invenire Longitudinem l' et Latitudinem b' pro tempore $1750 + t'$.

Sit stellae Longitudo et Latitudo, ad fixam Eclipticen et fixum punctum Aequinoctiale anni 1750 relata, L et B, sphaericum triangulum, quod polos e et e' cum stella connectit, nobis praebebit

$$[4]\begin{cases}\operatorname{Cos} B \operatorname{Cos}(L - \Pi) = \operatorname{Cos} b \operatorname{Cos}(l - \Pi - \psi_{,})\\ \operatorname{Cos} B \operatorname{Sin}(L - \Pi) = \operatorname{Cos} b \operatorname{Sin}(l - \Pi - \psi_{,}) \operatorname{Cos} \pi - \operatorname{Sin} b \operatorname{Sin} \pi\\ \operatorname{Sin} B = \operatorname{Cos} b \operatorname{Sin}(l - \Pi - \psi_{,}) \operatorname{Sin} \pi + \operatorname{Sin} b \operatorname{Cos} \pi.\end{cases}$$

Harum formularum ope inveniuntur L et B, quae constantes habent valores, modo sit stella revera immobilis. Si valores ipsorum Π, π, $\psi_{,}$ pro tempore $1750 + t'$ significantur per Π', π', $\psi_{,}'$, sequitur ex eodem triangulo:

$$[5]\begin{cases}\operatorname{Cos} b' \operatorname{Cos}(l' - \Pi' - \psi_{,}') = \operatorname{Cos} B \operatorname{Cos}(L - \Pi')\\ \operatorname{Cos} b' \operatorname{Sin}(l' - \Pi' - \psi_{,}') = \operatorname{Cos} B \operatorname{Sin}(L - \Pi') \operatorname{Cos} \pi' + \operatorname{Sin} B \operatorname{Sin} \pi'\\ \operatorname{Sin} b' = -\operatorname{Cos} B \operatorname{Sin}(L - \Pi') \operatorname{Sin} \pi' + \operatorname{Sin} B \operatorname{Cos} \pi'\end{cases}$$

quibus formulis inveniuntur b' et l'.

Evitare poteris calculum ipsorum L et B, quum eliminaveris ea ex aequationibus [4] et [5], quod fieri potest ejusdem methodi usu, quae respectu Adscensionum rectarum et Declinationum infra explicabitur. Sed illis hic immorari, supervacaneum habeo, quia propter tardiorem Ecliptices motum, quadrata illorum π et π' poterunt negligi, etiam tum, quum t aut t' plura saecula amplecterentur. Qua de re approximatio hoc nixa sufficiet in omnibus casibus, qui possunt revera occurrere. Neglectis igitur $\pi\pi$ et $\pi'\pi'$, ex aequationibus [4] et [5] habebimus

*) Astronomische Nachrichten, Nr. 92.

$$l' = l + \psi_{,}' - \psi_{,} + \text{Tang}\, b \{\pi' \text{Cos}(l - \Pi' - \psi_{,}) - \pi \text{Cos}(l - \Pi - \psi_{,})\}$$
$$b' = b - \pi' \text{Sin}(l - \Pi' - \psi_{,}) + \pi \text{Sin}(l - \Pi - \psi_{,})$$

pro quibus statuere licet

$$l' = l + \psi_{,}' - \psi_{,} + a \text{Cos}\left(l - \frac{\Pi' + \Pi}{2} - \psi_{,} - A\right) \text{Tang}\, b$$
$$b' = b \;\; a - \text{Sin}\left(l - \frac{\Pi' + \Pi}{2} - \psi_{,} - A\right)$$

positis

$$a \text{Cos} A = (\pi' - \pi) \text{Cos} \tfrac{1}{2}(\Pi' - \Pi)$$
$$a \text{Sin} A = (\pi' + \pi) \text{Sin} \tfrac{1}{2}(\Pi' - \Pi).$$

Ex formulis [3] sequitur, verum esse usque ad quadrata temporis incl.

$$(\pi' - \pi) \text{Cos} \tfrac{1}{2}(\Pi' - \Pi) = (t' - t) \{0'',48892 - (t' + t)\, 0'',0000030719\}$$
$$(\pi' + \pi) \text{Sin} \tfrac{1}{2}(\Pi' - \Pi) = (tt - t't')\, 0'',48892 \text{ Sin } 2'',605$$

ergo

$$a = (t' - t) \{0'',48892 - (t' + t)\, 0'',0000030719\}$$
$$A = -(t' + t)\, 2'',605,$$

unde habebimus

$$[6] \begin{cases} l' = l + (t' - t) \{50'',21129 + (t' + t)\, 0'',0001221483\} \\ \qquad + (t' - t) \{0'',48892 - (t' + t)\, 0'',0000030719\} \text{ Cos } \varDelta \text{ Tang}\, b \\ b' = b - (t' - t) \{0'',48892 - (t' + t)\, 0'',0000030719\} \text{ Sin } \varDelta \end{cases}$$

ubi $\varDelta$ significat

$$l - 171^\circ 36' 10'' - t\,.\,50'',21 + (t' + t)\, 5'',21.$$

Quodsi t' tantum infinite parvo intervallo a t distare supponitur, hae formulae Longitudinis et Latitudinis quotientes differentiales subministrant, qui, anno pro unitate temporis sumpto, *variationes annuae* vocantur. Itaque annuae variationes ad tempus $1750 + t$ pertinentes erunt hae:

$$[7] \begin{cases} \text{Long.} \ldots\ldots + 50'',21129 + t\,.\,0'',0002442966 \\ \qquad\qquad + \{0'',48892 - t\,.\,0'',0000061438\} \text{ Cos}(l - M) \text{ Tang}\, b \\ \text{Lat.} \ldots\ldots\ldots - \{0'',48892 - t\,.\,0'',0000061438\} \text{ Sin}(l - M) \end{cases}$$

ubi

$$M = 171^\circ 36' 10'' + t\,.\,39'',79.$$

Problema II. Data stellae Adscensione recta α et Declinatione δ pro tempore $1750 + t$, invenire Adscensionem rectam α' et Declinationem δ' pro tempore $1750 + t'$.

Si Longitudo et Latitudo, relata ad fixam Eclipticen et fixum punctum Aequinoctiale, eodem modo ut in priore problemate significabitur, triangulum, quod polos a et e cum stella conjungit, pro tempore $1750 + t$ suppeditabit:

$$[8] \begin{cases} \text{Cos} B \text{ Cos}(L + \psi) = \text{Cos}\,\delta \text{ Cos}(\alpha + \lambda) \\ \text{Cos} B \text{ Sin}(L + \psi) = \text{Cos}\,\delta \text{ Sin}(\alpha + \lambda) \text{ Cos}\,\omega + \text{Sin}\,\delta \text{ Sin}\,\omega \\ \qquad \text{Sin} B = -\text{Cos}\,\delta \text{ Sin}(\alpha + \lambda) \text{ Sin}\,\omega + \text{Sin}\,\delta \text{ Cos}\,\omega. \end{cases}$$

eodemque modo, si valores ipsorum λ, ω, ψ, ad tempus $1750 + t'$ pertinentes, designantur per λ', ω', ψ'

$$[9]\left\{\begin{aligned}\text{Cos}\,\delta'\,\text{Cos}\,(\alpha'+\lambda') &= \text{Cos}\,B\,\text{Cos}\,(L+\psi')\\ \text{Cos}\,\delta'\,\text{Sin}\,(\alpha'+\lambda') &= \text{Cos}\,B\,\text{Sin}\,(L+\psi')\,\text{Cos}\,\omega'-\text{Sin}\,B\,\text{Sin}\,\omega'\\ \text{Sin}\,\delta' &= \text{Cos}\,B\,\text{Sin}\,(L+\psi')\,\text{Sin}\,\omega'+\text{Sin}\,B\,\text{Cos}\,\omega'\end{aligned}\right.$$

Quodsi non lubet sciscitari neque Longitudinem nec Latitudinem, quae ad fixam Eclipticen pertinent, verum tantum ipsa α' et δ', ad rem aptum erit, ex his aequationibus eliminare illa L et B. Id quod fit methodo, *Cl. Bohnenbergero* debita *), quam hic ex aequationibus fundamentalibus [8] et [9] derivare in animo est. Ut comprehendam brevi, pro $\alpha+\lambda$, $\alpha'+\lambda'$, $\psi'-\psi$ ponam haec $\alpha_{,}$, $\alpha_{,}'$, u.

His significationibus introductis eliminatio ipsorum L et B ex aequationibus [8] et [9] protinus suppeditabit:

$$\begin{aligned}\text{Cos}\,\delta'\,\text{Cos}\,\alpha_{,}' &= \text{Cos}\,\delta\,\text{Cos}\,\alpha_{,}\,.\,\text{Cos}\,u\\ &- \text{Cos}\,\delta\,\text{Sin}\,\alpha_{,}\,.\,\text{Sin}\,u\,\text{Cos}\,\omega\\ &- \text{Sin}\,\delta\,.\,\text{Sin}\,u\,\text{Sin}\,\omega\\ \text{Cos}\,\delta'\,\text{Sin}\,\alpha_{,}' &= \text{Cos}\,\delta\,\text{Cos}\,\alpha_{,}\,.\,\text{Sin}\,u\,\text{Cos}\,\omega'\\ &+ \text{Cos}\,\delta\,\text{Sin}\,\alpha_{,}\,[\text{Cos}\,u\,\text{Cos}\,\omega\,\text{Cos}\,\omega'+\text{Sin}\,\omega\,\text{Sin}\,\omega']\\ &+ \text{Sin}\,\delta\,.\,[\text{Cos}\,u\,\text{Sin}\,\omega\,\text{Cos}\,\omega'-\text{Cos}\,\omega\,\text{Sin}\,\omega']\\ \text{Sin}\,\delta' &= \text{Cos}\,\delta\,\text{Cos}\,\alpha_{,}\,.\,\text{Sin}\,u\,\text{Sin}\,\omega'\\ &+ \text{Cos}\,\delta\,\text{Sin}\,\alpha_{,}\,[\text{Cos}\,u\,\text{Cos}\,\omega\,\text{Sin}\,\omega'-\text{Sin}\,\omega\,\text{Cos}\,\omega']\\ &+ \text{Sin}\,\delta\,[\text{Cos}\,u\,\text{Sin}\,\omega\,\text{Sin}\,\omega'+\text{Cos}\,\omega\,\text{Cos}\,\omega'].\end{aligned}$$

Si fingamus triangulum sphaericum, cujus quum basis sit u, anguli adjacentes sint ω' et $180°-\omega$, latus vero, quod primo angulo oppositum est, sit $90°-t$, quod secundo angulo, $90°+z'$, tertius postremo angulus θ, functiones ipsorum ω, ω', u, quae in datis aequationibus occurrunt, exprimi poterunt per z, z', θ. Hinc erit

$$\begin{aligned}\text{Cos}\,\delta'\,\text{Cos}\,\alpha_{,}' &= \text{Cos}\,\delta\,\text{Cos}\,\alpha_{,}\,[\text{Cos}\,\theta\,\text{Cos}\,z\,\text{Cos}\,z'-\text{Sin}\,z\,\text{Sin}\,z']\\ &- \text{Cos}\,\delta\,\text{Sin}\,\alpha_{,}\,[\text{Cos}\,\theta\,\text{Sin}\,z\,\text{Cos}\,z'+\text{Cos}\,z\,\text{Sin}\,z']\\ &- \text{Sin}\,\delta\,.\,\text{Sin}\,\theta\,\text{Cos}\,z'\\ \text{Cos}\,\delta'\,\text{Sin}\,\alpha_{,}' &= \text{Cos}\,\delta\,\text{Cos}\,\alpha_{,}\,[\text{Cos}\theta\,\text{Cos}\,z\,\text{Sin}\,z'+\text{Sin}\,z\,\text{Cos}\,z']\\ &- \text{Cos}\,\delta\,\text{Sin}\,\alpha_{,}\,[\text{Cos}\theta\,\text{Sin}\,z\,\text{Sin}\,z'-\text{Cos}\,z\,\text{Cos}\,z']\\ &- \text{Sin}\,\delta\,.\,\text{Sin}\,\theta\,\text{Sin}\,z'\\ \text{Sin}\,\delta' &= \text{Cos}\,\delta\,\text{Cos}\,\alpha_{,}\,.\,\text{Sin}\,\theta\,\text{Cos}\,z\\ &- \text{Cos}\,\delta\,\text{Sin}\,\alpha_{,}\,.\,\text{Sin}\,\theta\,\text{Sin}\,z\\ &+ \text{Sin}\,\delta\,.\,\text{Cos}\,\theta.\end{aligned}$$

Multiplicando primam aequationem per $-\text{Sin}\,z'$, secundam vero per $\text{Cos}\,z'$, et addendo producta, deinde multiplicando primam per $\text{Cos}\,z'$, secundam per $\text{Sin}\,z'$, reperietur

$$[10]\ldots\left\{\begin{aligned}\text{Cos}\,\delta'\,\text{Sin}\,(\alpha'+\lambda'-z') &= \text{Cos}\,\delta\,\text{Sin}\,(\alpha+\lambda+z)\\ \text{Cos}\,\delta'\,\text{Cos}(\alpha'+\lambda'-z') &= \text{Cos}\,\delta\,\text{Cos}(\alpha+\lambda+z)\,\text{Cos}\,\theta-\text{Sin}\,\delta\,\text{Sin}\,\theta\\ \text{Sin}\,\delta' &= \text{Cos}\,\delta\,\text{Cos}(\alpha+\lambda+z)\,\text{Sin}\,\theta+\text{Sin}\,\delta\,\text{Cos}\theta\end{aligned}\right.$$

*) *Von Lindenau* und *Bohnenberger*, Zeitschrift für Astronomie etc. I. Pag. 124. Tubingae, 1816.

Quibus formulis immediate inveniuntur α' et δ', nec opus erit calculo ipsorum L et B. Quantitates vero z, z', θ, quae in illis formulis occurrant, facillimo calculo inveniuntur secundum *Nepperianas* analogias

$$[11] \quad \begin{cases} \text{Tang}\,\tfrac{1}{2}(z'+z) = \dfrac{\text{Cos}\,\tfrac{1}{2}(\omega'+\omega)}{\text{Cos}\,\tfrac{1}{2}(\omega'-\omega)}\,\text{Tang}\,\tfrac{1}{2}(\psi'-\psi) \\ \text{Tang}\,\tfrac{1}{2}(z'-z) = \dfrac{\text{Sin}\,\tfrac{1}{2}(\omega'-\omega)}{\text{Sin}\,\tfrac{1}{2}(\omega'+\omega)}\,\text{Cotang}\,\tfrac{1}{2}(\psi'-\psi) \\ \text{Tang}\,\tfrac{1}{2}\theta \quad = \dfrac{\text{Sin}\,\tfrac{1}{2}(z'+z)}{\text{Cos}\,\tfrac{1}{2}(z'-z)}\,\text{Tang}\,\tfrac{1}{2}(\omega'+\omega) \end{cases}$$

In locum secundae formulae licet hanc substituere, quae per plura saecula modice tantum ab ea discrepat:

$$\tfrac{1}{2}(z'-z) = (t'+t)\ 0'',1011804 + (t'+t)^2 . 0'',0000002446$$

in prima vero et in tertia denominatorem cum unitate commutare.

Ad calculum numericum formularum [10] adhiberi poterunt formulae *Gaussianae*, quae, quum brevitatis caussa pro $\alpha'+\lambda'-z'$ scriptum fuerit a', pro $\alpha+\lambda+z$ autem a, in hoc casu suppeditant

$$[12] \quad \begin{cases} \text{Cos}\,\tfrac{1}{2}(90^\circ+\delta')\ \text{Cos}\,\tfrac{1}{2}(a'+C) = \text{Cos}\,\tfrac{1}{2}(90^\circ+\delta+\theta)\ \text{Cos}\,\tfrac{1}{2}a \\ \text{Cos}\,\tfrac{1}{2}(90^\circ+\delta')\ \text{Sin}\,\tfrac{1}{2}(a'+C) = \text{Cos}\,\tfrac{1}{2}(90^\circ+\delta-\theta)\ \text{Sin}\,\tfrac{1}{2}a \\ \text{Sin}\,\tfrac{1}{2}(90^\circ+\delta')\ \text{Cos}\,\tfrac{1}{2}(a'-C) = \text{Sin}\,\tfrac{1}{2}(90^\circ+\delta+\theta)\ \text{Cos}\,\tfrac{1}{2}a \\ \text{Sin}\,\tfrac{1}{2}(90^\circ+\delta')\ \text{Sin}\,\tfrac{1}{2}(a'-C) = \text{Sin}\,\tfrac{1}{2}(90^\circ+\delta-\theta)\ \text{Sin}\,\tfrac{1}{2}a \end{cases}$$

ubi C significat tertium angulum trianguli sphaerici, cujus quum sint tria latera $90^\circ-\delta'$, $90^\circ-\delta$ et θ, alteri lateri oppositus sit angulus a, alteri vero $180^\circ-a'$. Sed eadem cura in conquirendis logarithmis adhibita, accuratior evadit calculus, si non ipsa a' et δ', sed quaerantur $a'-a$ et $\delta'-\delta$. Facile est intellectu, aequationem primam et secundam [10] subministrare haec

$$\text{Cos}\,\delta'\ \text{Sin}(a'-a) = \text{Cos}\,\delta\ \text{Sin}\,a\ \text{Sin}\,\theta\,[\text{Tang}\,\delta + \text{Tang}\,\tfrac{1}{2}\theta\ \text{Cos}\,a]$$

$$\text{Cos}\,\delta'\ \text{Cos}(a'-a) = \text{Cos}\,\delta - \text{Cos}\,\delta\ \text{Cos}\,a\ \text{Sin}\,\theta\,[\text{Tang}\,\delta + \text{Tang}\,\tfrac{1}{2}\theta\ \text{Cos}\,a]$$

et si per secundam formulam dividetur prima, invenietur hoc

$$\text{Tang}\,(a'-a) = \frac{\text{Sin}\,a\ \text{Sin}\,\theta\ [\text{Tang}\,\delta + \text{Tang}\,\tfrac{1}{2}\theta . \text{Cos}\,a]}{1 - \text{Cos}\,a\,\text{Sin}\,\theta[\text{Tang}\,\delta + \text{Tang}\,\tfrac{1}{2}\theta . \text{Cos}\,a]}.$$

Ex analogiis *Nepperianis* derivatur

$$[13] \quad \begin{cases} \text{Tang}\,\tfrac{1}{2}(\delta'-\delta) = \dfrac{\text{Cos}\,\tfrac{1}{2}(a'+a)}{\text{Cos}\,\tfrac{1}{2}(a'-a)}\,\text{Tang}\,\tfrac{1}{2}\theta \\ \text{Tang}\,\tfrac{1}{2}(\delta'+\delta) = \dfrac{\text{Sin}\,\tfrac{1}{2}(a'+a)}{\text{Sin}\,\tfrac{1}{2}(a'-a)}\,\text{Tang}\,\tfrac{1}{2}\theta \end{cases}$$

Inde sequuntur duae calculandi leges, quarum altera directa, altera erit indirecta. Scilicet ponendo

$$p = \text{Sin}\,\theta\ [\text{Tang}\,\delta + \text{Tang}\,\tfrac{1}{2}\theta . \text{Cos}\,a]$$

habebimus

$$[14] \quad \begin{cases} \text{Tang}\ (a'-a) = \dfrac{p\ \text{Sin}\,a}{1-p\ \text{Cos}\,a} \\ \text{Tang}\,\tfrac{1}{2}(\delta'-\delta) = \dfrac{\text{Cos}\,\tfrac{1}{2}(a'+a)}{\text{Cos}\,\tfrac{1}{2}(a'-a)}\,\text{Tang}\,\tfrac{1}{2}\theta \end{cases}$$

Altera eaque indirecta, quae mihi omnium commodissima videtur, quaque in omnibus casibus, ubi stella esset polo proxima, saepissime usus sum (nam in his solis poterit sermo esse de calculo secundum finitas formulas instituendo), in formulis [13] nititur postulatque approximativum valorem A ipsius α', ita ut sit verus $= A + x$, ubi x exiguo minutorum secundorum numero circumscriptum sit. Quodsi variationes logarithmorum ipsorum $\mathrm{Cos}\,\frac{1}{2}(\alpha' + a)$, $\mathrm{Cos}\,\frac{1}{2}(\alpha' - a)$, $\mathrm{Sin}\,\frac{1}{2}(\alpha' + a)$, $\mathrm{Sin}\,\frac{1}{2}(\alpha' - a)$ pro uno secundo Argumenti, quales immediate reperiuntur in tabulis logarithmicis, designentur his litteris c, c', s, s', invenientur variationes in hypothesi $\alpha' = A$ calculatorum logarithmorum ipsorum $\mathrm{Tang}\,\frac{1}{2}(\delta' - \delta)$ et $\mathrm{Cotang}\,\frac{1}{2}(\delta' + \delta)$ resp. $= \frac{1}{2}(c - c')x$ et $\frac{1}{2}(s - s')x$, et dividendo variationes eas per variationes logarithmorum ipsius $\mathrm{Tang}\,\frac{1}{2}(\delta' - \delta)$ et ipsius $\mathrm{Cotang}\,\frac{1}{2}(\delta' + \delta)$ pro minuto secundo Argumenti erunt

$$\frac{1}{2}(\delta' - \delta) = d + \alpha x$$
$$\frac{1}{2}(\delta' + \delta) = d' + \beta x$$

ubi d et d' valores significant ipsorum $\frac{1}{2}(\delta' - \delta)$ et $\frac{1}{2}(\delta' + \delta)$ calculati pro $\alpha' = A$. Habebimus igitur

$$\delta' = d' + d + (\beta + \alpha)x$$
$$\delta = d' - d + (\beta - \alpha)x$$

et, quum data sit δ, erit

$$x = \frac{\delta - (d' - d)}{\beta - \alpha}$$

unde α' inveniri potest et δ'.

Sed in casibus longe plurimis commodius erit, α' et δ' per series, quae ad potentias temporis progrediantur, evolvere, quaeque, nisi polo proxima erit stella, citissime convergant necesse est. Has series hoc modo designabimus

$$\alpha' = \alpha + U'(t' - t) + U''(t' - t)^2 + \text{etc.}$$
$$\delta' = \delta + W'(t' - t) + W''(t' - t)^2 + \text{etc.}$$

eas autem non ultra tertium terminum hic prosequemur, quia commodius erit, si altiores termini non possunt neglegi, finitas formulas supra traditas in calculo adhibere. Alio loco harum serierum altiores terminos consideravi*), sed si quaeratur, Tabulam condere mediorum locorum pro stella polo proxima, commodissime res expedietur, si haec loca secundum formulas [13] sive [14] calculantur pro certis annis, e. g. pro octavo quoque anno, singulorum vero annorum lacunae interpolatione explentur.

Formularum [8] et [9] completa differentiatio exhibet, ipsis L et B pro constantibus numeris sumtis,

$$\frac{d\alpha}{dt} = -\frac{d\lambda}{dt} + \frac{d\psi}{dt}[\mathrm{Cos}\,\omega + \mathrm{Sin}\,\omega\,\mathrm{Tang}\,\delta\,\mathrm{Sin}(\alpha + \lambda)]$$
$$-\frac{d\omega}{dt}\cdot\mathrm{Tang}\,\delta\,\mathrm{Cos}(\alpha + \lambda)$$

*) Fundamenta Astronomiae pro Anno 1755. P. 301 etc.

$$\frac{d\delta}{dt} = \frac{d\psi}{dt} . \operatorname{Sin}\omega \operatorname{Cos}(\alpha+\lambda) + \frac{d\omega}{dt} \operatorname{Sin}(\alpha+\lambda)$$

sive, ipsius $\frac{d\omega}{dt}$ quadrato potentiisque altioribus neglectis,

$$\frac{dx}{dt} = \frac{d\psi}{dt} \operatorname{Cos}\omega - \frac{d\lambda}{dt} + \frac{d\psi}{dt} \operatorname{Sin}\omega . \operatorname{Tang}\delta . \operatorname{Sin}\left(\alpha + \lambda - \frac{d\omega}{\operatorname{Sin}\omega . d\psi}\right)$$

$$\frac{d\delta}{dt} = \frac{d\psi}{dt} \operatorname{Sin}\omega \operatorname{Cos}\left(\alpha + \lambda - \frac{d\omega}{\operatorname{Sin}\omega . d\psi}\right)$$

Quantitas

$$\lambda - \frac{d\omega}{\operatorname{Sin}\omega . d\psi},$$

quae reperitur ex formulis supra traditis pro λ, ω et $\psi = - t . 0'',0231$, secundum attractionis theoriam deberet semper evanescere, ut evanescit pro $t = o$ sive pro 1750. Haec theoriae cum formulis dissensio vitium est formularum inde ortum, quia ea harum formularum membra, quae sunt tempori proportionalia, mutata sunt secundum novam determinationem massae Veneris, ea vero, quae quadrato temporis proportionalia sunt, valores retinuerunt desumptos ex Mechanica Coelesti, ubi non declaratur, quomodo haec membra mutentur mutatis planetarum massis. Sed vitium haud magni est ducendum, etiam longe minus, quam incertitudo, orta in membris tempori proportionalibus ex imperfecta massarum planetarum cognitione. Quamobrem habebimus

$$[15] \quad \begin{cases} \frac{d\alpha}{dt} = m + n \operatorname{Tang}\delta \operatorname{Sin}\alpha \\ \frac{d\delta}{dt} = n \operatorname{Cos}\alpha \end{cases}$$

uti m et n posita sunt pro

$$\frac{d\psi}{dt} \operatorname{Cos}\omega - \frac{d\lambda}{dt} \quad \text{et} \quad \frac{d\psi}{dt} \operatorname{Sin}\omega.$$

Ipsa inveniuntur ex formulis [2] et [3]

$$[16] \quad \begin{cases} m = 46'',02824 + t . 0'',0003086450 \\ n = 20'',06442 - t . 0'',0000970204 \end{cases}$$

Significatis valoribus ipsorum m et n, qui ad definitum tempus $1750 + t$ pertinent, per m' et n', iis vero, qui ad indefinitum $1750 + t'$, per

$$m' + m''(t'-t) \text{ et } n' + n''(t'-t),$$

successiva differentiatione formularum [15] sumtisque valoribus quotientium differentialium pro $t' = t$, habebitur:

$$U' = \frac{d\alpha}{dt} = n' \operatorname{Tang}\delta \operatorname{Sin}\alpha + m'$$

$$U'' = \tfrac{1}{2}\frac{d^2\alpha}{dt^2} = \frac{n'^2}{2} \operatorname{Tang}\delta^2 \operatorname{Sin}2\alpha + \frac{n'm'}{2} \operatorname{Tang}\delta \operatorname{Cos}\alpha$$

$$+ \frac{n'^2}{4} \operatorname{Sin}2\alpha + \frac{m''}{2} + \frac{n''}{2} \operatorname{Tang}\delta \operatorname{Sin}\alpha$$

$$U''' = \tfrac{1}{6}\frac{d^3\alpha}{dt^3} = \frac{n'^3}{3}\,\text{Tang}\,\delta^3\ \text{Sin}\,3\alpha + \frac{n'^2 m'}{2}\,\text{Tang}\,\delta^2\ \text{Cos}\,2\alpha$$

$$+ \text{Tang}\,\delta\left[\frac{n'^3}{4}\,\text{Sin}\,3\alpha + \left(\frac{n'^3}{12} - \frac{n'm'}{6}\right)^2 \text{Sin}\,\alpha\right]$$

$$+ \frac{n'^2 m'}{12}\ [3\,\text{Cos}\,2\alpha + 1]$$

$$+ \frac{m''}{6}\,n'\ \text{Tang}\,\delta\ \text{Cos}\,\alpha$$

$$+ n''\left[\frac{n'}{2}\,\text{Tang}\,\delta^2\ \text{Sin}\,2\alpha + \frac{m'}{3}\,\text{Tang}\,\delta\ \text{Cos}\,\alpha + \frac{n'}{4}\,\text{Sin}\,2\alpha\right]$$

$$W' = \frac{d\delta}{dt} = n'\ \text{Cos}\,\alpha$$

$$W'' = \tfrac{1}{2}\frac{d^2\delta}{dt^2} = -\frac{n'^2}{2}\,\text{Tang}\,\delta\ \text{Sin}\,\alpha^2 - \frac{n'm'}{2}\,\text{Sin}\,\alpha + \frac{n''}{2}\,\text{Cos}\,\alpha$$

$$W''' = \tfrac{1}{6}\frac{d^3\delta}{dt^3} = -\frac{n'^3}{2}\,\text{Tang}\,\delta^2\ \text{Sin}\,\alpha^2\ \text{Cos}\,\alpha - \frac{n'^2 m'}{2}\,\text{Tang}\,\delta\,\text{Sin}\,\alpha\,\text{Cos}\,\alpha$$

$$-\left[\frac{n'(m'^2 + n'^2)}{6}\ \text{Cos}\,\alpha - \frac{n'^3}{6}\ \text{Cos}\,\alpha^3\right]$$

$$-\frac{m''}{6}\,n'\ \text{Sin}\,\alpha$$

$$-\,n''\left[\frac{n'}{2}\ \text{Tang}\,\delta\,\text{Sin}\,\alpha^2 + \frac{m'}{3}\ \text{Sin}\,\alpha\right]\ ^{*)}$$

De motu proprio Stellarum fixarum.

Si mutationes loci stellae fixae in observationibus invenerimus diversas ab iis, quae ex Praecessione oriantur, differentia tribuitur *motui proprio.* Jam ostendam, quomodo sit hic motus ex observationibus determinandus, et quomodo in reductione stellae loci pro indefinito tempore possit in calculum vocari.

Sumitur motum proprium uniformi confici velocitate et maximum circulum lustrare. Non est quidem dubium, quin hoc utrumque paullulum a veritate abhorreat. Sed quia stellae propter tardiorem incessum per plura saecula tam exiguum orbitae suae spatium metiantur, in eo quod hucusque observatum est hujus spatii, neque abnormitas potuit neque anfractus prodi.

Ut inveniatur motus proprius annuus ex observationibus locorum stellae tempore $1750 + T$ et tempore $1750 + T'$ institutis, locus unus sola Praecessione ad alterius tempus reducatur: hoc calculo aut secundus locus invenietur pertinens ad Aequatorem temporis $1750 + T$, ergo $\alpha + \Delta\alpha$ et $\delta + \Delta\delta$,

*) Formulas in „Fund. Astr.“ P. 303, quae partem ipsorum U''' et W''' a m'' et n'' pendentem ostendunt, erroneas esse hic indicatum volo.

ubi α et δ eam Adscensionem rectam et Declinationem significant, quae sint tempore $1750+T$ observatae, aut invenietur primus locus relatus ad Aequatorem temporis $1750+T'$, ergo $\alpha'+\Delta\alpha'$ et $\delta'+\Delta\delta'$, ubi α' et δ' erit Adscensio recta et Declinatio tempore $1750+T'$ observata. Per α, δ, $\alpha+\Delta\alpha$, $\delta+\Delta\delta$ arcus circuli maximi illo temporis intervallo confectus et angulus, quem ille facit cum Circulo Declinationis pro tempore $1750+T$ definiuntur, sive idem determinatur per α', δ', $\alpha'+\Delta\alpha'$, $\delta'+\Delta\delta'$ pro tempore $1750+T'$. Invento motu proprio in temporis intervallo et inde annuo motu quoad magnitudinem et directionem, invenietur arcus ab anno $1750+T$ usque ad indefinitum tempus, quod per $1750+t$ designabimus, confectus, et quoniam directio quoque cognita est, reperietur locus pro $1750+t$, relatus ad Aequatorem anni $1750+T$, qui locus sola Praecessione reductus ad annum $1750+t$, quaesitum locum pro hoc tempore suppeditat.

Quum ea, quae hic de Aequatore sunt disputata, eodem jure valeant de Ecliptica, iis, quae diximus, continetur completa solutio problematum de mutatione locorum stellarum respectu motus proprii. Sed quia motus proprius valde exiguus est, ipsius quadratum poterit negligi. Itaque superfluum est, scrutari motum in circulo maximo atque angulum, quem ille faciat cum Circulo Declinationis, quum variationes Adscensionis rectae et Declinationis relatae ad fixum Aequatorem nunc ipsi tempori sint proportionales. Jam formulas ad calculum aptas explicabo.

Usu methodi, quae formulis [10] continetur, habebimus locum pro $1750+T'$ adjecto motu proprio, si loco ipsorum α et δ, $\alpha+\Delta\alpha$ et $\delta+\Delta\delta$ posuerimus in his formulis, sive neglectis potentiis ipsorum $\Delta\alpha$ et $\Delta\delta$, quae ultra primam egrediantur,

$$[18]\quad\begin{cases}\Delta\alpha'=\Delta\alpha[\mathrm{Cos}\theta+\mathrm{Sin}\theta\,\mathrm{Tang}\delta'.\mathrm{Cos}(\alpha'+\lambda'-z')]+\dfrac{\Delta\delta}{\mathrm{Cos}\delta}.\mathrm{Sin}\,\theta\,\dfrac{\mathrm{Sin}(\alpha'+\lambda'-z')}{\mathrm{Cos}\,\delta'}\\ \Delta\delta'=-\Delta\alpha\mathrm{Sin}\theta\mathrm{Sin}(\alpha'+\lambda'-z')+\dfrac{\Delta\delta}{\mathrm{Cos}\delta}.\mathrm{Cos}\delta'[\mathrm{Cos}\theta+\mathrm{Sin}\theta\mathrm{Tang}\delta'\mathrm{Cos}(\alpha'+\lambda'-z')]\\ \Delta\alpha=\Delta\alpha'[\mathrm{Cos}\,\theta-\mathrm{Sin}\,\theta\,\mathrm{Tang}\,\delta\,\mathrm{Cos}(\alpha+\lambda+z)]-\dfrac{\Delta\delta'}{\mathrm{Cos}\delta'}.\mathrm{Sin}\theta\,\dfrac{\mathrm{Sin}\,(\alpha+\lambda+z)}{\mathrm{Cos}\,\delta}\\ \Delta\delta=\Delta\alpha'.\mathrm{Sin}\theta\,\mathrm{Sin}(\alpha+\lambda+z)+\dfrac{\Delta\delta'}{\mathrm{Cos}\delta'}\mathrm{Cos}\delta\,[\mathrm{Cos}\theta-\mathrm{Sin}\theta\,\mathrm{Tang}\delta\mathrm{Cos}(\alpha+\lambda+z)]\end{cases}$$

quae formulae eaedem valent, si $\Delta\alpha$, $\Delta\delta$, $\Delta\alpha'$, $\Delta\delta'$ totum et annuum motum significant. Inde sequitur, motum proprium, quamvis uniformem suppositum respectu *fixi* Aequatoris, nequaquam Adscensionis rectae et Declinationis variationes proferre quae sint tempori proportionales. Neque minus ex eodem apparet, motum annuum in Adscensione recta aut Declinatione pro determinato tempore cognitum separatim non sufficere, ad destinandum Adscensionem rectam aut Declinationem pro indefinito tempore, potius non obscurum est, utrumque motum necessarium esse, ut sive Adscensio recta sive Declinatio plane inveniatur.

Ut exemplo utar, eos afferam numeros, ad quos constructae sunt Tabulae stellae polaris in hoc libro contentae:

$$1755 \,.\, \alpha = 10^\circ 55' 44'',955; \quad \delta = 87^\circ 59' 41'',12$$
$$1820 \,.\, \alpha' = 14^\circ 15' 22'',575; \quad \delta' = 88^\circ 20' 54'',27.$$

Pro his temporibus inveniuntur ex formulis supra memoratis

$$\text{ex [3] ......} \quad \lambda = \quad +0'',8897; \quad +11'',2446$$
$$\text{ex [2] ......} \left\{ \begin{array}{l} \psi = \quad +4' 11'',8756; \quad +58' 45'',7036 \\ \omega = 23^\circ 28' 18'',0002; \quad 23^\circ 28' 18'',0482. \end{array} \right.$$

His numeris pro transitu ab anno 1755 ad 1820 inveniuntur [11]

$$z = 24' 53'',8861; \quad z' = 25' 9'',0655; \quad \theta = 21' 43'',9394$$

Inde, secundum formulas [13] sive [14], habebimus locum pro 1755 ad 1820 reductum

$$\alpha' = 14^\circ 13' 54'',703; \quad \delta' = 88^\circ 20' 54'',052$$

Qui locus collatus cum loco observato pro 1820 suppeditabit

$$\Delta\alpha' = +87'',872; \quad \Delta\delta' = +0'',218,$$

sive motum proprium annuum in Adscensione recta et Declinatione, relatum ad Aequatorem anni 1820, quem litteris h' et i' designabo,

$$h' = +1'',351877; \quad i' = +0'',0033538$$

Ut possit per haec Elementa locus inveniri pro alio tempore, e. g. pro 1850, incipiemus ab anno 1820. Hoc modo inveniemus:

$$\alpha + \Delta\alpha = 14^\circ 15' 22'',575 + 30 \,.\, 1'',351877 = 14^\circ 16' \;\, 3'',1313$$
$$\delta + \Delta\delta = 88^\circ 20' 54'',27 \;\; + 30 \,.\, 0'',0033538 = 88^\circ 20' 54'',3706$$
$$z = 11' 15'',6173; \quad z' = 11' 50'',0325; \quad \theta = 10' 1'',6846$$
$$z + \lambda = 11' 26'',8619; \quad z' - \lambda' = 11' 34'',7669$$

locum vero pro anno 1850:

$$\alpha' = 16^\circ 15' 19'',527; \quad \delta' = 88^\circ 30' 34'',898.$$

Alias etiam locum pro 1820 sine respectu motus proprii reducere potuissemus ad annum 1850, tum vero secundum formulas [18] calculare, quid motus proprius hic valuisset, quo in calculo posuissemus:

$$\Delta\alpha = 30 \,.\, 1'',351877 \;\; = +40'',5563$$
$$\Delta\delta = 30 \,.\, 0'',0033538 = + \;\, 0'',1006.$$

Postremo, ut usum declarem formularum [18], annuum motum in Adscensione recta et Declinatione definiam pro anno 1755. Quum pro anno 1820 sit

$$h' = +1'',351877; \quad i' = +0'',0033538$$

habebimus, adhibitis iusuper valoribus ipsorum z, λ, θ, secundum ultimas formulas [18], pro anno 1755,

$$h = +1'',10839; \quad i = +0'',005082$$

Ex quo intelligitur, non modicum oriri vitium supponendo, variationes locorum stellae polo proximae a motu proprio pendentes tempori esse proportionales.

Reliquum est, ut correctiones memorem, quas subeunt coefficientes [17] earum serierum, quibus exprimantur Adscensio recta et Declinatio. Ex iis, quae de mutatione locorum stellarum a motu proprio pendente disserui, elucet, illam plane calculo comprehendi ponendo in coefficientibus [17]

$\alpha + h(t'-t)$ et $\delta + i(t'-t)$ pro α et δ, sive neglectis quadratis ipsorum h et i, haec singulis coefficientibus addendo

$$[19] \quad \begin{cases} \text{ipsi } U' \ldots\ldots h \\ U'' \ldots\ldots hn' \operatorname{Tang}\delta \operatorname{Cos}\alpha + in' \operatorname{Sec}\delta^2 \operatorname{Sin}\alpha \\ U''' \ldots\ldots h\left[n'^2 \operatorname{Tang}\delta^2 \operatorname{Cos} 2\alpha - \frac{n'm'}{2} \operatorname{Tang}\delta \operatorname{Sin}\alpha + \frac{n'^2}{2} \operatorname{Cos} 2\alpha\right] \\ \qquad + i \cdot n' \operatorname{Sec}\delta^2 \operatorname{Cos}\alpha \left[2n' \operatorname{Tang}\delta \operatorname{Sin}\alpha + \frac{m'}{2}\right] \\ W' \ldots\ldots i \\ W'' \ldots\ldots - hn' \operatorname{Sin}\alpha \\ W''' \ldots\ldots - hn' \operatorname{Cos}\alpha \left[n' \operatorname{Tang}\delta \operatorname{Sin}\alpha + \frac{m'}{2}\right] \\ \qquad - i \frac{n'^2}{2} \operatorname{Sec}\delta^2 \operatorname{Sin}\alpha^2 \end{cases}$$

Ex formulis [18] non minus, quam ex iis, quas modo dedimus, elucet, nisi Tangens et Secans Declinationis permagnae sint, eas quantitates in Adscensione recta et in Declinatione, quae a motu proprio dependeant, fere tempori esse proportionales, quo in casu utraque independens possit considerari altera ab altera. Tum etiam series, in quibus variationes Adscensionis rectae et Declinationis explicatae sunt, tam cito convergunt, ut, ipsas ultra quadratum temporis continuare, superfluum esse videatur. Id quum profecto saepissime eveniat, jam formulas proferam tum adhibendas, quum locus stellae, cujus Adscensio recta et Declinatio datae sunt pro duabus epochis $1750 + T$ et $1750 + T'$, erit ad tertium tempus $1750 + t$ reducendus. Si datas Adscensiones rectas denotaverimus litteris α et α', Praecessionem annuam in Adscensione recta pro duobus illis temporibus litteris p et p', annuam ejus variationem littera Δp, sive

$$\Delta p = \frac{p' - p}{T' - T}$$

habebimus Adscensionem rectam pro anno $1750 + t$

$$[20] \ldots\ldots \alpha + (\alpha' - \alpha) \frac{t - T}{T' - T} + \tfrac{1}{2} \Delta p\, (t - T)(t - T')$$

Formulam pro Declinatione plane similem fore, non obscurum est. Itaque ut e duobus datis locis inveniri possit tertius, necessarium quidem est, annuam variationem Praecessionis annuae, non ipsam Praecessionem cognoscere.

De Nutatione.

Formulis supra datis pro motu Aequatoris in Ecliptica vera ea pars sola continetur, quae cum ipso tempore procedit, sed completae expressiones illorum ψ, et ω, periodica etiam membra complectuntur, quae de Nodi Lunaris, Solis et Lunae Longitudine dependeant. Quae periodica Praecessionis membra, quum essent a *Bradlejo* inventa ex observationibus et *Nutationi axis terrae* adscripta, primus omnium *d'Alembertus* plane explicuit. For-

mulae autem pro ipsorum ψ, et ω, variationibus, ab iis membris ortis, quas litteris $\Delta\psi$ et $\Delta\omega$ significatas esse volumus, varias passae sunt mutationes vel additis parvis membris in prioribus disquisitionibus omissis vel mutata Lunaris massae cognitione. Equidem hanc theoriam denuo tractavi *), et quum massam Lunarem tantam posuissem, quantam ex effectu Nutationis in Adscensiones rectas stellae polaris *Cl. de Lindenavius* esse concluserat, inveni has formulas:

$$[21] \left\{ \begin{aligned} \Delta\psi &= -16'',78332 \operatorname{Sin} ☊ + 0'',20209 \operatorname{Sin} 2☊ - 1'',33589 \operatorname{Sin} 2\odot \\ &\qquad - 0'',20128 \operatorname{Sin} 2☽. \\ \Delta\omega &= +\ 8'',97707 \operatorname{Cos} ☊ - 0'',08773 \operatorname{Cos} 2☊ + 0'',57990 \operatorname{Cos} 2\odot \\ &\qquad + 0'',08738 \operatorname{Cos} 2☽. \end{aligned} \right.$$

ubi ☊ mediam Longitudinem Nodi ascendentis orbitae Lunaris, ⊙ et ☽ veras Solis et Lunae Longitudines significant. Phaenomenon illud, ex quo *Cl. de Lindenavius* determinationem suam deduxit, videtur aptissimum ad determinandam massam Lunarem.

Quoniam expressiones illorum $\Delta\psi$ et $\Delta\omega$, quas supra memoravi, a Nutatione axis terrae, ergo ab Aequatoris motione quadam oriuntur, Latitudines stellarum non mutantur ab illis, Longitudines autem in eo tantum mutantur, quod a puncto Aequinoctiorum vernali per Nutationem mutato numerantur, quam ob caussam necesse est omnes communem adipiscantur correctionem $\Delta\psi$. Quantitas, quae ex Nutatione redundat in Adscensiones rectas et Declinationes, omni rigore potest calculari, in formulis [11] et [14] positis $\omega,+\frac{1}{2}\Delta\omega$, $\Delta\omega$, $\Delta\psi$, $\alpha'-z'$ et $\alpha+z$ pro $\frac{1}{2}(\omega'+\omega)$, $\omega'-\omega$, $\psi'-\psi$, a' et a. Quamquam usui Astronomico in plurimis casibus formulae sufficient, quae solorum $\Delta\psi$ et $\Delta\omega$ rationem habeant, neglectis quadratis potentiisque altioribus, tamen complectar in explicatione statim instituenda quadrata, ut constet, quantum valeant, et, si ultima praecisio hoc ita desiderare videatur, ut possint in calculum vocari.

Designatis igitur stellae media Adscensione recta per α, Declinatione per δ, apparentibus vero i. e. Nutatione mutatis per α' et δ', Longitudine media per l, Latitudine autem per b, media Obliquitate Ecliptices per ω, habebimus

$$\begin{aligned} \operatorname{Cos}\delta \operatorname{Cos}\alpha &= \operatorname{Cos} b \operatorname{Cos} l \\ \operatorname{Cos}\delta \operatorname{Sin}\alpha &= \operatorname{Cos} b \operatorname{Sin} l \operatorname{Cos}\omega - \operatorname{Sin} b \operatorname{Sin}\omega \\ \operatorname{Sin}\delta &= \operatorname{Cos} b \operatorname{Sin} l \operatorname{Sin}\omega + \operatorname{Sin} b \operatorname{Cos}\omega \\ \operatorname{Cos}\delta' \operatorname{Cos}\alpha' &= \operatorname{Cos} b \operatorname{Cos}(l+\Delta\psi) \\ \operatorname{Cos}\delta' \operatorname{Sin}\alpha' &= \operatorname{Cos} b \operatorname{Sin}(l+\Delta\psi) \operatorname{Cos}(\omega+\Delta\omega) - \operatorname{Sin} b \operatorname{Sin}(\omega+\Delta\omega) \\ \operatorname{Sin}\delta' &= \operatorname{Cos} b \operatorname{Sin}(l+\Delta\psi) \operatorname{Sin}(\omega+\Delta\omega) + \operatorname{Sin} b \operatorname{Cos}(\omega+\Delta\omega) \end{aligned}$$

*) Fundamenta Astronomiae pro Anno 1755, P. 126, quibus correctiones quasdam adjeci in libro „*Schumacher*, Astronomische Nachrichten“, Nr. 34 et 83.

Ex his aequationibus quum fuerint eliminata l et b, habebimus

$$[22]\begin{cases} \alpha'-\alpha = \text{Sin}\,\omega\,\Delta\psi\,[\text{Cotg}\,\omega + \text{Sin}\,\alpha\ \text{Tang}\,\delta] \\ \qquad - \Delta\omega\,.\,\text{Cos}\,\alpha\ \text{Tang}\,\delta \\ \qquad + \tfrac{1}{2}\,\text{Sin}\omega^2\,\Delta\psi^2\,[\tfrac{1}{2}\text{Sin}2\alpha + \text{Cotg}\omega\ \text{Cos}\alpha\ \text{Tang}\delta + \text{Sin}2\alpha\ \text{Tang}\delta^2] \\ \qquad - \text{Sin}\omega\,\Delta\psi\,\Delta\omega[\text{Cos}\,\alpha^2 - \text{Cotg}\,\omega\ \text{Sin}\,\alpha\ \text{Tang}\delta + \text{Cos}2\alpha\text{Tang}\delta^2] \\ \qquad - \tfrac{1}{2}\,\Delta\omega^2\,[\tfrac{1}{2}\,\text{Sin}\,2\alpha + \text{Sin}\,2\alpha\ \text{Tang}\,\delta^2] \\ \delta'-\delta = \text{Sin}\,\omega\,\Delta\psi\ \text{Cos}\,\alpha + \Delta\omega\ \text{Sin}\,\alpha \\ \qquad - \tfrac{1}{2}\text{Sin}\,\omega^2\,\Delta\psi^2\ \text{Sin}\,\alpha\,[\text{Cotg}\,\omega + \text{Sin}\,\alpha\ \text{Tang}\,\delta] \\ \qquad + \text{Sin}\,\omega\,.\,\Delta\psi\ \Delta\omega\ \text{Cos}\,\alpha\ [\text{Cotg}\,\omega + \text{Sin}\,\alpha\ \text{Tang}\,\delta] \\ \qquad - \tfrac{1}{2}\,\Delta\omega^2\ \text{Cos}\,\alpha^2\ \text{Tang}\,\delta \end{cases}$$

Substituendo in his expressionibus formulas [21] et ponendo pro ω Obliquitatem Ecliptices pro initio anni 1800 $= 23^\circ\,27'\,54'',8$, invenientur *primi* ordinis termini

$$[23]\begin{cases} \alpha'-\alpha = -15'',39537\ \text{Sin}\ \text{☊} - [6'',68299\ \text{Sin}\ \text{☊}\,\text{Sin}\alpha + 8'',97707\ \text{Cos}\ \text{☊}\,\text{Cos}\alpha]\,\text{Tang}\,\delta \\ \qquad + 0'',18538\,\text{Sin}2\text{☊} + [0'',08046\,\text{Sin}2\text{☊}\,\text{Sin}\alpha + 0'',08773\,\text{Cos}2\text{☊}\,\text{Cos}\alpha]\,\text{Tang}\,\delta \\ \qquad - 1'',22542\,\text{Sin}\,2\odot - [0'',53194\,\text{Sin}\,2\odot\,\text{Sin}\alpha + 0'',57990\,\text{Cos}\,2\odot\,\text{Cos}\alpha]\,\text{Tang}\,\delta \\ \qquad - 0'',18463\,\text{Sin}\,2\text{☽} - [0'',08015\,\text{Sin}\,2\text{☽}\,\text{Sin}\alpha + 0'',08738\,\text{Cos}\,2\text{☽}\,\text{Cos}\alpha]\,\text{Tang}\,\delta \\ \delta'-\delta = -6'',68299\ \text{Sin}\ \text{☊}\ \text{Cos}\,\alpha + 8'',97707\ \text{Cos}\ \text{☊}\ \text{Sin}\,\alpha \\ \qquad + 0'',08046\ \text{Sin}2\text{☊}\ \text{Cos}\,\alpha - 0'',08773\ \text{Cos}2\text{☊}\ \text{Sin}\,\alpha \\ \qquad - 0'',53194\ \text{Sin}2\odot\ \text{Cos}\,\alpha + 0'',57990\ \text{Cos}2\odot\ \text{Sin}\,\alpha \\ \qquad - 0'',08015\ \text{Sin}\,2\text{☽}\ \text{Cos}\,\alpha + 0'',08738\ \text{Cos}\,2\text{☽}\ \text{Sin}\,\alpha \end{cases}$$

Terminorum *secundi* ordinis ii tantum sunt attentione digni, qui e maximo formularum [21] membro a simplici Nodi Lunaris Longitudine dependente oriuntur. Quibus solis in calculo retentis, et brevitatis caussa ponendo

$$\Delta\omega = 8'',97707\ \text{Cos}\ \text{☊} = a\ \text{Cos}\ \text{☊}$$
$$-\text{Sin}\,\omega\,.\,\Delta\psi = 6'',68299\ \text{Sin}\ \text{☊} = b\ \text{Sin}\ \text{☊}$$

invenimus terminos *secundi* ordinis

$$\alpha'-\alpha = \frac{bb-aa}{4}\,\text{Sin}\,2\alpha[\text{Tang}\,\delta^2 + \tfrac{1}{2}] + \frac{bb}{4}\,\text{Tang}\,\delta\,.\,\text{Cos}\,\alpha\ \text{Cotang}\,\omega$$
$$+ [\text{Tang}\,\delta^2\ \text{Cos}2\alpha - \text{Tang}\,\delta\ \text{Sin}\,\alpha\ \text{Cotg}\,\omega + \text{Cos}\,\alpha^2]\,\frac{ab}{2}\ \text{Sin}\,2\text{☊}$$
$$-\left[\frac{bb+aa}{4}\text{Tang}\delta^2\ \text{Sin}\,2\alpha + \frac{bb}{4}\ \text{Tang}\delta\ \text{Cos}\alpha\ \text{Cotg}\,\omega + \frac{bb+aa}{8}\text{Sin}2\alpha\right]\text{Cos}\,2\text{☊}$$

$$\delta'-\delta = -\frac{aa\,\text{Cos}\,\alpha^2 + bb\,\text{Sin}\,\alpha^2}{4}\ \text{Tang}\,\delta - \frac{bb}{4}\ \text{Sin}\,\alpha\ \text{Cotg}\,\omega$$
$$- [\text{Tang}\,\delta\ \text{Sin}\,2\alpha + 2\,\text{Cotg}\,\omega\ \text{Cos}\,\alpha]\,\frac{ab}{4}\ \text{Sin}\,2\text{☊}$$
$$-\left[\frac{aa\,\text{Cos}\alpha^2 - bb\,\text{Sin}\,\alpha^2}{4}\ \text{Tang}\,\delta - \frac{bb}{4}\ \text{Sin}\,\alpha\ \text{Cotg}\,\omega\right]\ \text{Cos}\,2\text{☊}$$

Quum partes harum expressionum a $2\,\text{☊}$ independentes medium tantum stellae locum mutent, eam ob caussam omitti possunt, reliquae quum ex parte cum formularum [23] membris a $2\,\text{☊}$ dependentibus confluant, formulae [23] hanc formam induunt:

$$[23^*]\begin{cases}\alpha'-\alpha = +0'',18545\,\mathrm{Sin}2\Omega + [0'',08012\,\mathrm{Sin}2\Omega\,\mathrm{Sin}\alpha + 0'',08761\,\mathrm{Cos}2\Omega\,\mathrm{Cos}\alpha]\,\mathrm{Tang}\delta \\ \delta'-\delta = +0'',08012\,\mathrm{Sin}2\Omega\,\mathrm{Cos}\alpha - 0'',08761\,\mathrm{Cos}2\Omega\,\mathrm{Sin}\alpha\end{cases}$$

Quod residuum, hoc est

$$[24]\begin{cases}\alpha'-\alpha = +0'',0001454\,[\mathrm{Tang}\,\delta^2+\tfrac{1}{2}]\,\mathrm{Cos}\,2\alpha\,\mathrm{Sin}\,2\Omega \\ \qquad\qquad -0'',0001518\,[\mathrm{Tang}\,\delta^2+\tfrac{1}{2}]\,\mathrm{Sin}\,2\alpha\,\mathrm{Cos}\,2\Omega \\ \delta'-\delta = -0'',0000727\,\mathrm{Tang}\,\delta\,\mathrm{Sin}\,2\alpha\,\mathrm{Sin}\,2\Omega \\ \qquad\qquad -[0'',0000217+0'',0000759\,\mathrm{Cos}\,2\alpha]\,\mathrm{Tang}\,\delta\,\mathrm{Cos}\,2\Omega\end{cases}$$

Ex quo intelligitur, hanc correctionem pro Adscensione recta tum demum centesimam partem minuti secundi temporis implere, si Declinatio erit $= 88^\circ\,10'$, pro Declinatione autem centesimam partem minuti secundi arcualis aequare, si Declinatio erit $= 89^\circ\,26'$.

De Aberratione.

Directio, in qua stella fixa conspicitur, respectu oculi directio erit lineae immobilis, qua lumen moveatur illud, quod e stella profectum ad oculum perveniat. Quodsi hujus lineae directio praeter oculum a insuper determinatur per punctum b, ad quod lumen prius quam ad oculum perveniat, id quod temporibus $t-\theta$ et t evenire supponimus, si praeterea oculus hoc temporis intervallo viam aa' conficit, ubi a' punctum aliquod significat in directione moti oculi, haud difficile est intellectu, rectam ba' esse directionem, qua lumen in spatio moveatur, rectam vero ba directionem esse, in qua stella observetur. Erit igitur inter utramque directionem angulus aba' extensus, quem *Aberrationem luminis Bradlejum* apellavisse constat. Ea phaenomeni explicatio fere cum inventoris explicatione congruit *). Cui superstructa est analysis haec.

Jam tria plana se invicem sub angulis rectis secent in immobili puncto spatii, quorum primum sit parallelum Aequatori, duo reliqua sint ad eundem perpendicularia. Illorum secundum transeat per puncta Aequinoctialia, tertium vero per puncta Solstitialia. Distantiae puncti ab his tribus planis designentur per x, y, z, sumto x positivo, si puncti Adscensio recta ex centro coordinatarum visa intra limites erit 270° et 90°, y positivo, si intra 0 et 180°, z positivo, si Declinatio erit aquilonia. Punctorum a' et b ab his planis distantias tempore t notabo litteris

x, y, z pro puncto a'

x', y', z' pro puncto b

Si oculus ad illa tria plana velocitatibus $\frac{dx}{dt}$, $\frac{dy}{dt}$, $\frac{dz}{dt}$ fertur, puncti a coordinatae pro eodem tempore t erunt

$$x - \frac{dx}{dt}.\theta;\quad y - \frac{dy}{dt}.\theta;\quad z - \frac{dz}{dt}.\theta$$

quae expressiones, motu oculi per tempus θ uniformi posito, prorsus verae sunt. Rem subtilissime perpendentes nos non fugiet, motu oculi posito in-

*) *Lalande, Astronomie.* §. 2829. *Gauss,* Theoria motus corp. coel. P. 68.

aequali, lineam illam respectu oculi immobilem non rectam sed curvam esse. Facile igitur est intellectu, aberrationem in Tubis longitudinis diversae diversam esse, sed insensibilem fore differentiam, non obscurum est, vel tum, quum differentia longitudinum Tuborum millies millies major esset, quam esse potest. Si veram stellae inerrantis directionem per Adscensionem rectam α, per Declinationem δ, apparentem vero per α' et δ' significaverimus, habebimus secundum explicationem supra memoratam

$$\lambda \operatorname{Cos}\delta \operatorname{Cos}\alpha = x'-x$$
$$\lambda \operatorname{Cos}\delta \operatorname{Sin}\alpha = y'-y$$
$$\lambda \operatorname{Sin}\delta = z'-z$$

ubi λ distantiam $a'b$ exprimit, praeterea

$$\lambda' \operatorname{Cos}\delta' \operatorname{Cos}\alpha' = x'-x+\frac{dx}{dt}.\theta$$
$$\lambda' \operatorname{Cos}\delta' \operatorname{Sin}\alpha' = y'-y+\frac{dy}{dt}.\theta$$
$$\lambda' \operatorname{Sin}\delta' = z'-z+\frac{dz}{dt}.\theta$$

ubi λ' metitur distantiam ab. Sed θ per velocitatem, qua lumen moveatur, exprimi potest: signato ergo tempore, per quod lumen mediam distantiam terrae a Sole percurrit, littera k, erit $\theta = \lambda k$. Prioribus igitur aequationibus in posterioribus substitutis, dividendo per λ, scribendoque λL pro λ', inveniemus

$$[25]\quad \begin{cases} L \operatorname{Cos}\delta' \operatorname{Cos}\alpha' = \operatorname{Cos}\delta \operatorname{Cos}\alpha + \frac{dx}{dt}.k \\ L \operatorname{Cos}\delta' \operatorname{Sin}\alpha' = \operatorname{Cos}\delta \operatorname{Sin}\alpha + \frac{dy}{dt}.k \\ L \operatorname{Sin}\delta' = \operatorname{Sin}\delta + \frac{dz}{dt}.k \end{cases}$$

quibus aequationibus, quum pro velocitatibus in directione trium illarum coordinatarum valores necessarii positi fuerint, problema solutum erit rigore geometrico. Approximatione usque ad membra secundi ordinis incl. illae aequationes suppeditant

$$[26]\quad \begin{cases} \alpha'-\alpha = -k \operatorname{Sec}\delta\left[\frac{dx}{dt}\operatorname{Sin}\alpha - \frac{dy}{dt}\operatorname{Cos}\alpha\right] \\ \qquad + kk \operatorname{Sec}\delta^2\left[\frac{dx}{dt}\operatorname{Sin}\alpha - \frac{dy}{dt}\operatorname{Cos}\alpha\right]\left[\frac{dx}{dt}\operatorname{Cos}\alpha + \frac{dy}{dt}\operatorname{Sin}\alpha\right] \\ \delta'-\delta = -k\left[\frac{dx}{dt}\operatorname{Sin}\delta\operatorname{Cos}\alpha + \frac{dy}{dt}\operatorname{Sin}\delta\operatorname{Sin}\alpha - \frac{dz}{dt}\operatorname{Cos}\delta\right] \\ \qquad - \frac{1}{2}kk \operatorname{Tang}\delta\left[\frac{dx}{dt}\operatorname{Sin}\alpha - \frac{dy}{dt}\operatorname{Cos}\alpha\right]^2 \\ \qquad + kk\left[\frac{dx}{dt}\operatorname{Sin}\delta\operatorname{Cos}\alpha + \frac{dy}{dt}\operatorname{Sin}\delta\operatorname{Sin}\alpha - \frac{dz}{dt}\operatorname{Cos}\delta\right] \times \\ \qquad \left[\frac{dx}{dt}\operatorname{Cos}\delta\operatorname{Cos}\alpha + \frac{dy}{dt}\operatorname{Cos}\delta\operatorname{Sin}\alpha + \frac{dz}{dt}\operatorname{Sin}\delta\right] \end{cases}$$

Reliquum est, ut velocitates oculi in directione trium illarum coordinatarum definiamus. Coordinatis igitur centri Solis significatis per X, Y, Z, distantia terrae a Sole per r, Longitudine Solis per $\odot$, Obliquitate Ecliptices per ω, distantia loci observationis a centro terrae per ϱ, correcta Latitudine hujus loci per φ', Adscensione recta culminantis puncti aequatorialis per μ, invenietur

$$x = X - r \operatorname{Cos}\odot \qquad + \varrho \operatorname{Cos}\varphi' \operatorname{Cos}\mu$$
$$y = Y - r \operatorname{Sin}\odot \operatorname{Cos}\omega + \varrho \operatorname{Cos}\varphi' \operatorname{Sin}\mu$$
$$z = Z - r \operatorname{Sin}\odot \operatorname{Sin}\omega + \varrho \operatorname{Sin}\varphi'$$

Harum expressionum completi quotientes differentiales substituendi sunt in formulis [25] et [26], ut completa Aberratio accipiatur. Ex quo apparet, non modo motum oculi respectu Solis esse considerandum, verum etiam ipsum Solarem motum, qui vel ex progressivo Solis in spatio incessu vel e motione Solis circa commune centrum gravitatis totius systematis Solaris oriri possit. Motus autem progressivus, qui pro celeriore vel tardiore incessu majorem vel minorem Aberrationem excitat, hic relinqui poterit, quia Aberratio ex hac profecta caussa mediis stellarum locis se misceat necesse est; periodica vero pars motus Solaris minimas, ut alio loco *) exposui, profert Aberrationes, quae si essent receptae, formulas praeter necessitatem complicatas redderent. Quare solum motum ellipticum centri terrestris motumque terrae rotatum circa axin suum in computatione retinebo.

Differentiando igitur expressiones illorum x, y, z, curaque de legibus Keplerianis rite adhibita, reperietur:

$$\frac{dx}{dt} = \frac{dm}{\sqrt{(1-ee)}dt} \{ \operatorname{Sin}\odot + e \operatorname{Sin}P \} - \varrho \frac{d\mu}{dt} \operatorname{Cos}\varphi' \operatorname{Sin}\mu$$
$$\frac{dy}{dt} = \frac{-\operatorname{Cos}\omega . dm}{\sqrt{(1-ee)}dt} \{ \operatorname{Cos}\odot + e \operatorname{Cos}P \} + \varrho \frac{d\mu}{dt} \operatorname{Cos}\varphi' \operatorname{Cos}\mu$$
$$\frac{dz}{dt} = \frac{-\operatorname{Sin}\omega . dm}{\sqrt{(1-ee)}dt} \{ \operatorname{Cos}\odot + e \operatorname{Cos}P \}$$

ubi $\frac{dm}{dt}$ significat medium Solis motum sidereum eadem, qua k metiamur, temporis unitate expressum, P Longitudinem Perigei, e orbitae terrestris Excentricitatem.

His expressionibus in formulis [26] substitutis et membra inveniuntur periodica, quae a $\odot$ et μ dependeant, et membra ab his iisdem quantitatibus independentia, quae, quum confluant cum mediis stellarum locis, neque alius momenti esse videatur, ea segregare ab his, negligi poterunt. Sed periodica membra, quatenus a Solis Longitudine pendentia, *annuam* efficiunt Aberrationem, *diurnam* quatenus a tempore sidereo. In primo ordine duae illae Aberrationes sejunctae sunt, in secundo quidem mixtae, sed quod ex diurno motu in membra hujus ordinis redundat, id tam parvi ducendum erit, ut prorsus omitti possit.

*) Fundamenta Astronomiae pro Anno 1755. P. 132.

Igitur hanc utramque Aberrationem separatim examinabo, initiumque ducam ab *annua* Aberratione. Substitutione in formulis [26] facta, omissisque membris independentibus a Longitudine Solari et in secundo ordine Eccentricitate orbitae terrestris neglecta, positoque $\varkappa$ pro

$$\frac{k\,\mathrm{d}m}{\sqrt{(1-ee)}\mathrm{d}t},$$

invenientur

$$\alpha'-\alpha = -\varkappa\,\mathrm{Sec}\,\delta\,[\mathrm{Cos}\odot\,\mathrm{Cos}\,\alpha\,\mathrm{Cos}\,\omega + \mathrm{Sin}\odot\,\mathrm{Sin}\,\alpha]$$
$$-\tfrac{1}{4}\varkappa\varkappa\,\mathrm{Sec}\,\delta^2[\mathrm{Cos}\,2\odot\,\mathrm{Sin}\,2\alpha(1+\mathrm{Cos}\,\omega^2)-2\,\mathrm{Sin}\,2\odot\,\mathrm{Cos}\,2\alpha\,\mathrm{Cos}\,\omega]$$
$$\delta'-\delta = +\varkappa[\mathrm{Cos}\odot(\mathrm{Sin}\,\alpha\,\mathrm{Sin}\,\delta\,\mathrm{Cos}\,\omega - \mathrm{Cos}\,\delta\,\mathrm{Sin}\,\omega) - \mathrm{Sin}\odot\,\mathrm{Cos}\,\alpha\,\mathrm{Sin}\,\delta]$$
$$-\tfrac{1}{8}\varkappa\varkappa\,\mathrm{Tang}\,\delta[\mathrm{Cos}2\odot(\mathrm{Cos}2\alpha(1+\mathrm{Cos}\,\omega^2)-\mathrm{Sin}\,\omega^2)+2\mathrm{Sin}2\odot\,\mathrm{Sin}2\alpha\,\mathrm{Cos}\,\omega]$$

ubi in ultima formula nonnulla membra, non multiplicata in Tang δ, quippe nunquam millesimam partem minuti secundi adaequantia, omittere non dubitavi.

Valorem ipsius $\varkappa$ secundum *Cl. de Lambre* posui $= 20'',255$, quod proxime accedit ad valorem e *Bradleji* observationibus inventum. Non defuere, qui hunc valorem augendum esse arbitrarentur. Sed quum in eo stellarum maxime consulerent observationes Adscensionum rectarum, illud verendum esse duxi *), ne Maximum Aberrationis in Adscensione recta se Maximo misceat effectus, quem in instrumenta exercent Astronomica diurnae caloris variationes. Quas quum non liceat directe ea qua par est praecisione definire, eas non sine pertractatione rei omnino abesse judicabimus. Itaque posito $\varkappa = 20'',255$, formulae, quae *annuam* Aberrationem exhibent, erunt hae:

$$[27]\left\{\begin{aligned}\alpha'-\alpha &= -20'',255\,\mathrm{Sec}\,\delta\,[\mathrm{Cos}\odot\,\mathrm{Cos}\,\alpha\,\mathrm{Cos}\,\omega + \mathrm{Sin}\odot\,\mathrm{Sin}\,\alpha]\\ &\quad - 0'',0009157\,\mathrm{Sec}\,\delta^2.\,\mathrm{Sin}\,2\alpha\,\mathrm{Cos}\,2\odot\\ &\quad + 0'',0009123\,\mathrm{Sec}\,\delta^2.\,\mathrm{Cos}\,2\alpha\,\mathrm{Sin}\,2\odot\\ \delta'-\delta &= +20'',255\,\mathrm{Cos}\odot[\mathrm{Sin}\,\alpha\,\mathrm{Sin}\,\delta\,\mathrm{Cos}\,\omega - \mathrm{Cos}\,\delta\,\mathrm{Sin}\,\omega]\\ &\quad -20'',255\,\mathrm{Sin}\odot\,\mathrm{Cos}\,\alpha\,\mathrm{Sin}\,\delta\\ &\quad +[0'',0000394-0'',0004578\,\mathrm{Cos}\,2\alpha]\,\mathrm{Tang}\,\delta.\,\mathrm{Cos}\,2\odot\\ &\quad - 0'',0004561\,\mathrm{Tang}\,\delta.\,\mathrm{Sin}\,2\alpha\,\mathrm{Sin}\,2\odot\end{aligned}\right.$$

Pro stellis, quarum Declinatio minor erit quam 85° 31′, membra secundi ordinis in Adscensione recta non centesimam partem minuti secundi temporalis amplecti poterunt, pro Declinationibus minoribus quam 87° 9′ non ad centesimam partem secundi arcualis ascendere poterunt in Declinatione.

Quum stellae Adscensio recta et Declinatio, Longitudo Solaris et Obliquitas Ecliptices, quae in formulis [27] occurrunt, ad verum pertineant Nutatione jam mutatum Aequatorem, in calculo Aberrationis correctiones erunt addendae, a productis Aberrationis et Nutationis profectae, si quis valoribus a Nutatione non affectis uti velit. Illae correctiones inveniuntur differentiando formulas [27] respectu quantitatum α, δ, $\odot$ et ω, et tum ponendo pro dα, dδ, d$\odot$, dω effectum Nutationis in easdem quantitates. Quodsi ea sola membra retinentur, quae cum ipsa Declinatione plurimum crescunt i. e. pro Ad-

*) Abhandlungen der mathematischen Classe der Akademie von Berlin, für 1818 bis 1819. P. 26.

scensione recta, quae sunt in Tang δ Sec δ multiplicata, pro Declinatione, quae sunt in Tang δ Sin δ, quantitates d$\odot$ et dω nullius momenti ducendae erunt, quare statuere licebit:

$$d\alpha = -[b \operatorname{Sin} \Omega \operatorname{Sin} \alpha + a \operatorname{Cos} \Omega \operatorname{Cos} \alpha] \operatorname{Tang} \delta$$
$$d\delta = -b \operatorname{Sin} \Omega \operatorname{Cos} \alpha + a \operatorname{Cos} \Omega \operatorname{Sin} \alpha$$

quo facile invenietur

$$\alpha' - \alpha = \operatorname{Tang}\delta \operatorname{Sec}\delta \frac{20'',255}{2} \left\{ \begin{array}{l} -(b + a \operatorname{Cos}\omega) \operatorname{Sin} 2\alpha \operatorname{Cos}(\odot + \Omega) \\ +(b \operatorname{Cos}\omega + a) \operatorname{Cos} 2\alpha \operatorname{Sin}(\odot + \Omega) \\ +(b - a \operatorname{Cos}\omega) \operatorname{Sin} 2\alpha \operatorname{Cos}(\odot - \Omega) \\ -(b \operatorname{Cos}\omega - a) \operatorname{Cos} 2\alpha \operatorname{Sin}(\odot - \Omega) \end{array} \right.$$

$$\delta' - \delta = \operatorname{Tang}\delta \operatorname{Sin}\delta \,.\, \frac{20'',255}{4} \left\{ \begin{array}{l} -(b + a \operatorname{Cos}\omega) \operatorname{Cos} 2\alpha \operatorname{Cos}(\odot + \Omega) \\ -(b \operatorname{Cos}\omega + a) \operatorname{Sin} 2\alpha \operatorname{Sin}(\odot + \Omega) \\ +(b - a \operatorname{Cos}\omega) \operatorname{Cos} 2\alpha \operatorname{Cos}(\odot - \Omega) \\ +(b \operatorname{Cos}\omega - a) \operatorname{Sin} 2\alpha \operatorname{Sin}(\odot - \Omega) \\ +(b - a \operatorname{Cos}\omega) \operatorname{Cos}(\odot + \Omega) \\ -(b + a \operatorname{Cos}\omega) \operatorname{Cos}(\odot - \Omega) \end{array} \right.$$

sive numeris expressum

$$[28] \left\{ \begin{array}{l} \alpha' - \alpha = \operatorname{Tang}\delta \operatorname{Sec}\delta \left\{ \begin{array}{l} -0'',0007324 \operatorname{Sin} 2\alpha \operatorname{Cos}(\odot + \Omega) \\ +0'',0007418 \operatorname{Cos} 2\alpha \operatorname{Sin}(\odot + \Omega) \\ -0'',0000762 \operatorname{Sin} 2\alpha \operatorname{Cos}(\odot - \Omega) \\ +0'',0001398 \operatorname{Cos} 2\alpha \operatorname{Sin}(\odot - \Omega) \end{array} \right. \\ \delta' - \delta = \operatorname{Tang}\delta \operatorname{Sin}\delta \left\{ \begin{array}{l} -0'',0003662 \operatorname{Cos} 2\alpha \operatorname{Cos}(\odot + \Omega) \\ -0'',0003709 \operatorname{Sin} 2\alpha \operatorname{Sin}(\odot + \Omega) \\ -0'',0000381 \operatorname{Cos} 2\alpha \operatorname{Cos}(\odot - \Omega) \\ -0'',0000699 \operatorname{Sin} 2\alpha \operatorname{Sin}(\odot - \Omega) \\ -0'',0000381 \operatorname{Cos}(\odot + \Omega) \\ -0'',0003662 \operatorname{Cos}(\odot - \Omega) \end{array} \right. \end{array} \right.$$

Si Declinatio 85° 36′ non excedit, haec correctio Adscensionis rectae non assequi poterit centesimam partem minuti secundi temporalis, pro Declinatione minore quam 85° 22′ correctio Declinationis minor erit quam centesima pars minuti secundi arcualis.

Ponendo in formulis [26], ut *diurna* obtineatur Aberratio,

$$\frac{dx}{dt} = -\varrho \frac{d\mu}{dt} \operatorname{Cos}\varphi' \operatorname{Sin}\mu$$
$$\frac{dy}{dt} = +\varrho \frac{d\mu}{dt} \operatorname{Cos}\varphi' \operatorname{Cos}\mu$$
$$\frac{dz}{dt} = 0$$

invenietur

$$\alpha' - \alpha = k\varrho \frac{d\mu}{dt} \operatorname{Cos}\varphi' \operatorname{Cos}(\mu - \alpha) \operatorname{Sec}\delta$$
$$\delta' - \delta = k\varrho \frac{d\mu}{dt} \operatorname{Cos}\varphi' \operatorname{Sin}(\mu - \alpha) \operatorname{Sin}\delta$$

Ut harum formularum factorem a loco stellae independentem numeris exprimamus, habebimus ut supra

$$\frac{k\,\mathrm{d}m}{\sqrt{(1-ee)}\mathrm{d}t} = 20'',255$$

porro

$$\frac{\mathrm{d}\mu}{\mathrm{d}t} = (T+1)\,\frac{\mathrm{d}m}{\mathrm{d}t}$$

ubi T numerum repraesentat mediorum dierum, ergo $T+1$ numerum dierum sidereorum, quos annus sideralis complectitur; postremo erit, significando distantiam loci observationis a centro terrae partibus radii aequatorialis expressam per ϱ'

$$\varrho = \varrho' \operatorname{Sin} 8'',5776$$

ubi media parallaxis horizontalis Solis ea est, quam *Cl. Encke* *) derivavit ex diligentissima pervestigatione transituum Veneris per discum Solis annis 1761 et 1769 observatorum. Hinc sequitur

$$k\varrho\,\frac{\mathrm{d}\mu}{\mathrm{d}t} = 0'',30847\,.\,\varrho'$$

et si $\varrho' \operatorname{Cos}\varphi'$ per observatam poli altitudinem φ et per eccentricitatem meridianorum terrestrium ε exprimitur,

$$k\varrho\,\frac{\mathrm{d}\mu}{\mathrm{d}t}\operatorname{Cos}\varphi' = 0'',30847\,\frac{\operatorname{Cos}\varphi}{\sqrt{(1-\varepsilon\varepsilon \operatorname{Sin}\varphi^2)}}$$

Habebimus igitur *diurnam* Aberrationem

$$[29]\quad \begin{cases} \alpha'-\alpha = 0'',30847\,\dfrac{\operatorname{Cos}\varphi}{\sqrt{(1-\varepsilon\varepsilon \operatorname{Sin}\varphi^2)}}\,\operatorname{Cos}t\,\operatorname{Sec}\delta \\[2ex] \delta'-\delta = 0'',30847\,\dfrac{\operatorname{Cos}\varphi}{\sqrt{(1-\varepsilon\varepsilon \operatorname{Sin}\varphi^2)}}\,\operatorname{Sin}t\,\operatorname{Sin}\delta \end{cases}$$

ubi stellae angulus horarius $\mu-\alpha$ significatus est per t. Ex quibus formulis elucet, pro superiore culminatione stellae Adscensionem rectam per diurnam Aberrationem quantitate

$$0'',30847\,\frac{\operatorname{Cos}\varphi}{\sqrt{(1-\varepsilon\varepsilon \operatorname{Sin}\varphi^2)}}\,\operatorname{Sec}\delta$$

augeri, pro inferiore eadem quantitate minui, in utraque vero culminatione Declinationem immutatam manere. In calculo igitur hujus Aberrationis completa ratio habebitur pro observationibus in meridiano institutis, si transitus stellarum per medium Tubi meridiani filum non formula **)

$$m + n\,\operatorname{Tang}\delta + c\,\operatorname{Sec}\delta$$

ad meridianum reducuntur, ubi deflexio instrumenti ab orbe meridiano in Aequatore per $m+c$, in polo per $n+c$, vitium collimationis per c (haec omnia tempore expressa et in oriente coeli parte positive sumpta) notata sunt, sed potius formula reducuntur hac

$$m + n\,\operatorname{Tang}\delta + c'\,\operatorname{Sec}\delta$$

*) *I. F. Encke*, Venusdurchgang von 1769. P. 108. Gothae, 1824.

**) Beobachtungen auf der Sternwarte in Königsberg. II. Abtheilung.

ubi

$$c' = c - 0'',020565 \frac{\text{Cos}\,\varphi}{\sqrt{(1-\varepsilon\varepsilon\,\text{Sin}\,\varphi^2)}}$$

Aberratio in Longitudine et Latitudine invenietur in formulis [27] ponendo $\omega = 0$, et pro α et δ Longitudine l et Latitudine b, ex quo reperietur

$$[30] \left\{ \begin{array}{l} l' - l = -\varkappa\,\text{Cos}\,(\odot - l)\,\text{Sec}\,b + \tfrac{1}{2}\varkappa\varkappa\,\text{Sin}\,2\,(\odot - l)\,\text{Sec}\,b^2 \\ b' - b = -\varkappa\,\text{Sin}\,(\odot - l)\,\text{Sin}\,b - \tfrac{1}{4}\varkappa\varkappa\,\text{Cos}\,2(\odot - l)\,\text{Tang}\,b \end{array} \right.$$

Ea membra, quae a productis Aberrationis et Nutationis proficiscuntur, pro Longitudine et Latitudine evanescunt.

Planetarum et Cometarum Aberratio erit

$$\alpha' - \alpha = -r'k\,\Delta\alpha$$
$$\delta' - \delta = -r'k\,\Delta\delta$$

ubi $\Delta\alpha$ et $\Delta\delta$ ipsorum motus significant medio die confectos, r' eorum distantiam ab observatore et

$$k = \frac{20'',255 \,.\, 365,25637\ \sqrt{(1-ee)}}{1296000}$$

$$\text{Log}\ k = 7.75646$$

erunt.

Si quis in locis planetae sive cometae Aberrationem ea ratione velit calculo comprehendere, ut loco temporis, pro quo computandi sunt, id tempus assumat, quo lumen ab iisdem proficisceretur, a priore tempore adimenda erit quantitas $r'k$, ubi logarithmus quantitatis k, minutis secundis temporalibus expressae, erit $= 2,69298$.

Explicatio et usus Tabularum.

Tabulae I & II.

Reductio diei ad annum fictum.

Argumentum omnium hujus operis Tabularum, quae quantitates continent a tempore pendentes, series est dierum anni ficti, incipientis eo temporis momento, quo sit media Longitudo Solaris = 280°. Quare Tabulae hae immediate locum habebunt in iis terrae meridianis, pro quibus epocha mediae Longitudinis Solaris sit = 280°, sed quia Sol conversionem annuam non integro dierum numero conficit, Tabulae alio quoque anno pro alio meridiano valeant necesse est.

Si differentia hujus meridiani a Parisiensi tempore metita, positiveque sumta adversus orientem significatur per k, differentia meridiani loci terrae, itidem a meridiano Parisiensi numerata, sed adversus occidentem positive sumpta, notatur per d, hujus loci tempori, pro quo quantitates Tabulis contentae inveniendae sunt, priusquam cum ipso in Tabulas introeatur, addenda est $k + d$. Diem, hoc addito numero reductum ad annum fictum, *Diem reductum* appellare placet.

Prima Tabula continet quantitatem k pro quoque anno ab anno 1750 usque ad annum 1850, non solum horis, minutis et minutis secundis, verum etiam millesimis partibus diei expressam. Haec Tabula constructa est secundum ea Solis elementa, quae ex annalibus quondam observationum Solis a *Bradlejo* et a me ipso institutarum derivavi *), quaeque Epocham suppeditant mediae Longitudinis pro anno $1800 + t$ et pro meridiano Parisiensi

$$E = 279^\circ\, 54'\, 1'',36 + t\,.\,27'',605844 + tt\,.\,0'',0001221805$$
$$- f\,.\,14'\, 47'',083$$

ubi f pro anno quodam decimi noni saeculi est residuum r, quod restat, si numerus annorum dividatur per 4, pro anno autem decimi octavi saeculi $= r - 4$.

Inde reperietur k secundum formulam:

$$k = \frac{E - 280^\circ}{\text{mot.med.diurn.}\odot}.$$

*) *Schumacher*, Astronomische Nachrichten. Nr. 133.

et ponendo medium Solis motum diurnum = 59′ 8″,3302,

$$k = -2^h\,25'\,32'',698 + t\,.\,11'\,12'',18798 + tt\,.\,0'',002975 - f\,.\,6^h$$

sive erit decimalibus diei partibus expressum,

$$k = -0,10107289 + t\,.\,0,0077799535$$
$$+ tt\,.\,0,000000034433 - \tfrac{1}{4}f.$$

Prior Tabula computata est secundum has formulas, posterior Tabula meridierum continet differentias, quibus spectatissimae speculae Astronomicae distant a specula Parisiensi, sive quantitatem *d* ad eas determinationes, quae nunc mihi certissimae videntur.

Exemplum. Quaeritur Reductio dierum pro anno 1829 et pro specula Regiomontana.

Tab. I.	1829	$-3^h\,0'\,36'',7$,	sive	$-0,125$
- II.	Regiomontum..	$-1^h\,12'\,39'',0$,	sive	$-0,050$
Reductio dierum anni	1829	$-4^h\,13'\,15'',7$,	sive	$-0,175$

Tabula III.

Praecessio Aequinoctiorum media.

Haec Tabula secundum formulas [2], [7] et [16] supra traditas calculata est, eique explicandae supersedere possumus, quum formulae pro annuis variationibus Adscensionis rectae, Declinationis, Longitudinis et Latitudinis inferiori Tabulae margini adscriptae sint.

Praecessiones annuae stellarum a *Bradlejo* observatarum, quae pro 1755 et pro 1800 in „*Fundamentis Astronomiae pro Anno* 1755“ expositae sunt, secundum valores ipsorum *m* et *n* paulo diversos computatae sunt. Haud superfluum duco, correctiones hic promere illis addendas, ut congruant cum nova illa Praecessionis determinatione, ad quam condita est Tabula III.

Significando adhibitos valores Constantium, a quibus annuae Praecessiones in Adscensione recta et Declinatione pendent, per *m* et *n*, valores nunc adhibendos per $m + \triangle m$ et $n + \triangle n$, Praecessiones prioribus computatas per *p*, correctas per $p + \triangle p$, habebimus pro $1750 + t$

$$m = 45'',99592 + t\,.\,0'',0003086450$$
$$n = 20'',05039 - t\,.\,0'',0000970204$$

porro

$$m + \triangle m = 46'',02824 + t\,.\,0'',0003086450$$
$$n + \triangle n = 20'',06442 - t\,.\,0'',0000970204$$

ergo

$$\triangle m = +0'',03232; \quad \triangle n = +0'',01403$$

Inde sequitur pro Adscensione recta

$$p = m + n \text{ Tang}\,\delta \text{ Sin}\,\alpha$$
$$\triangle p = \triangle m + \triangle n \text{ Tang}\,\delta \text{ Sin}\,\alpha$$

et pro Declinatione

$$p = n \operatorname{Cos} \alpha$$
$$\Delta p = \Delta n \operatorname{Cos} \alpha$$

et eliminando Tang δ Sin α et Cos α, pro Adscensione recta

$$\Delta p = \Delta m - \frac{m}{n} \Delta n + \frac{p}{n} \Delta n$$

et pro Declinatione

$$\Delta p = \frac{p}{n} \Delta n$$

Hae quantitates numeris expressae erunt, pro Adscensione recta

$$1755 . \Delta p = +0'',00013 + p . 0,0006998$$
$$1800 \quad = +0'',00012 + p . 0,0006999$$

et pro Declinatione

$$1755 . \Delta p = p . 0,0006998$$
$$1800 . \quad = p . 0,0006999$$

ex quo intelligimus, non solum pro 1755 sed etiam pro 1800 correctas Praecessiones cum sufficiente approximatione nos accepturos esse, multiplicando valores in „*Fund. Astr.*" traditos per 1,0007.

Dum Tabulae hujus operis calculabantur, summus Geometra *Poisson* in lucem edidit disquisitionem de motu terrae circa centrum gravitatis *), in qua, theoria Praecessionis simplicissime et elegantissime tractata, formulas dedit, quae quum Praecessionem Lunisolarem secundum meam determinationem exhibeant, in quantitatibus, quae a motibus orbitae terrestris saecularibus dependent, a *Laplacianis* [2] paullulum differunt. Sed computatio harum Tabularum nimis longe processerat, quam ut potuerim novas illas formulas adhibere. Caeterum sperandum est, fore, ut saeculares orbitae terrestris variationes mox aliquis secundum novam methodum ab Ill. *Gaussio* promulgatam **) et a Cel. *Nicolaio* pro unica epocha (1800) adhibitam ***) ad calculos sit vocaturus. Quo facto, facile erit, formulas [2] corrigere secundum theoriam Poissonianam, ut in iis nihil aliud incerti resideat, quam quod a planetarum massis, non satis cognitis, oriatur.

Tabulae IV & V.

Nutatio pro Longitudine et pro Adscensione recta media Solis atque Obliquitas Ecliptices apparens.

Nutatio, pro Longitudine et pro Obliquitate Ecliptices in his Tabulis adhibita, computata est secundum formulas [21]. Quarta Tabula prima continet columna correctionem omnibus Longitudinibus communem, quatenus a Longi-

*) Mémoire sur le mouvement de la terre etc. lu à l'académie des sciences le 30. Avril 1827.

**) *Gauss*, Determinatio Attractionis etc. Gottingae, 1818.

***) *Bode*, Astronomisches Jahrbuch für 1820.

tudine Nodi Lunaris dependentem, secunda vero columna similem tempore expressam correctionem mediae Adscensionis rectae Solaris, tertia columna mediam Ecliptices Obliquitatem cum Nutatione Lunari conjunctam. Quinta Tabula continet Nutationem Solarem pro Longitudine et Obliquitate. Supervacaneum videbatur, peculiarem addere Tabulam pro partibus formularum [21] a duplici Longitudine Lunari pendentibus, quippe exiguis et brevis insuper periodi. Utriusque Tabulae Argumentum *dies reductus* est.

Media Ecliptices Obliquitas, quae subest Tabulae IV, non computata est secundum formulam [2], sed secundum eam formulam, quam ex solis observationibus derivavi *), nempe pro $1800+t$

$$23^\circ\, 27'\, 54'',8 - t\,.\,0'',457$$

Quam formulam duabus postea confirmatam determinationibus, nempe

1815 ..... 23° 27′ 47″,42

1825 .... 43″,78

adhibita disquisitione omnium Regiomonti circa Solem usque ad annum 1825 institutarum observationum, illi duxi anteponendam esse, quia negari non potest, theoriam, cui formula illa superstructa sit, incerti aliquid habere in massis planetarum, observationes contra minimam incertitudinem relinquere de annua Obliquitatis diminutione.

Exemplum. Quaeritur Nutatio pro Longitudine et apparens Obliquitas Ecliptices pro meridie Regiomontano die 23. April. 1829.

Adhibitis Tabulis I et II reductio invenietur dierum anni 1829 = −0,175; ergo *dies reductus* erit Apr. 22,825, pro quo Tabulae suppeditant

	Nut. Long.	Obl. Ecl.
Tab. IV	+ 1″,91	23° 27′ 32″,40
— V.	— 1″,22	+ 0″,24
Summa	+ 0″,69	23° 27′ 32″,64

Tabulae VI & VII.

Conversio Temporis Solaris medii in Tempus sidereum, et vice versa.

Tabula sexta, computata ab *Angero* meo, mediam continet tempore expressam Adscensionem rectam Solis, conjunctam cum Nutatione Solari pro omnibus anni ficti mediis meridiebus, eamque calculatam esse apparet secundum formulam

$$18\ 40' + n\,.\,3'\,56'',555347 - 0'',081695\ \mathrm{Sin}\,2\odot$$

in qua n omnes numeros integros ab 0 usque ad 365 significat. Quodsi numeris illa contentis Nutatio addatur ex secunda columna Tab. IV depromenda,

*) Fundamenta Astronomiae etc. P. 61.

quae a Longitudine Nodi Lunaris dependet, medias habebimus a puncto Aequinoctiorum vernali numeratas Solis Adscensiones rectas pro mediis anni ficti meridiebus, quas si pro meridiebus meridiani desideramus, cujus sit a Parisiensi differentia occidentalis $= d$, addendus est motus per tempus $k+d$ confectus (Tab. I et II), quem Tab. VII prima columna subministrat. Si e. g. mediae quaeruntur Adscensiones rectae pro mediis meridiebus Regiomontanis anni 1829, reductionem dierum habemus, ut supra $= -4^h 13' 15'',7$, cui respondet in Tab. VII. Col. 1 motus $-41'',605$, qui conjunctus cum Nutatione Lunari Tab. IV. Col. 2 exhibet

pro	Jan. 0	$-41'',380$
	Apr. 10	$-41,476$
	Jul. 19	$-41,572$
	Oct. 27	$-41,669$
	Dec. 66	$-41,766$

qui numeri, numeris Tab. VI additis, quaesitas suppeditant medias Adscensiones rectas Solis pro mediis meridiebus Regiomontanis anni 1829: e. g. pro Apr. 23 addendae $-41'',488$, quo invenietur tempus sidereum in medio meridie hujus diei $= 2^h 4' 49'',191$.

Si tempus medium M convertendum est in tempus sidereum S, habebimus

$$S = M + \text{Num. Tab. VI} + \text{Nut.} + \text{mot}(M+k+d)$$

ubi motus per tempus $M+k+d$ confectus e *prima* columna Tab. VII depromendus est.

Exemplum. Quaeritur tempus sidereum, quod respondeat tempori medio 1829 Apr. 23. $8^h 16' 23'',7$ Regiom.

Tempus medium	$8^h 16' 23'',700$
Apr. 23. Tab. VI	$2^h\ 5' 30'',679$
Nutatio. Tab. IV. Col.2.	$+\ 0'',116$
$M+k+d = 4^h 3' 8'',0$. Tab. VI. Col. 1...	$+39'',941$
Tempus sidereum	$10^h 22' 34'',436$

Eadem Tab. VI aeque commode poterit adhiberi ad conversionem temporis siderei in tempus medium, ad quem usum Tabulae VII alia adjecta est columna, quae medium motum Solarem horis, minutis et minutis secundis temporis siderei expressum continet. Significando

$$S - (\text{Num. Tab. VI} + \text{Nut.})$$

per M', habebimus

$$M = M' - \text{mot}(M' + k + d)$$

ubi motus pro tempore $M' + k + d$ e *secunda* columna depromendus est.

Exemplum. Quaeritur tempus medium, quod respondeat tempori sidereo 1829 Apr. 23. $10^h 22' 34'',436$ Regiom.

Tempus sidereum		$10^h\,22'\,34'',436$
Apr. 23. Tab. VI	$2^h\,5'\,30'',679$	
Nutatio Tab. IV. Col. 2	$+0'',116$	$2^h\,5'\,30'',795$
M'		$8^h\,17'\,3'',641$
$M'+k+d = 4^h\,3'\,47'',941$. Tab. VII. Col. 2		$-39'',940$
Tempus medium		$8^h\,16'\,23'',701$

Tabulae VIII & IX.

Valores quantitatum ad computationem locorum apparentium stellarum fixarum generaliter inservientium.

Apparentem stellae fixae Adscensionem rectam α', Declinationem δ' ex media ejus Adscensione recta α, Declinatione δ, datis pro initio anni, secundum formulas sequentes computandas esse suppono:

$$\begin{aligned}
\alpha' = \alpha & + \tau\,[m + n \operatorname{Tang}\delta \operatorname{Sin}\alpha] + \tau . \mu \\
& - [15'',39537 + 6'',68299 \operatorname{Tang}\delta \operatorname{Sin}\alpha] \operatorname{Sin}\Omega \\
& - 8'',97707 \operatorname{Tang}\delta \operatorname{Cos}\alpha . \operatorname{Cos}\Omega \\
& + [0'',18538 + 0'',08046 \operatorname{Tang}\delta \operatorname{Sin}\alpha] \operatorname{Sin}2\Omega \\
& + 0'',08773 \operatorname{Tang}\delta \operatorname{Cos}\alpha . \operatorname{Cos}2\Omega \\
& - [1'',22542 + 0'',53194 \operatorname{Tang}\delta \operatorname{Sin}\alpha] \operatorname{Sin}2\odot \\
& - 0'',57990 \operatorname{Tang}\delta \operatorname{Cos}\alpha . \operatorname{Cos}2\odot \\
& - 20'',255 \operatorname{Cos}\omega . \operatorname{Sec}\delta \operatorname{Cos}\alpha . \operatorname{Cos}\odot \\
& - 20'',255 \operatorname{Sec}\delta \operatorname{Sin}\alpha . \operatorname{Sin}\odot \\
\delta' = \delta & + \tau . n \operatorname{Cos}\alpha + \tau . \mu' \\
& - 6'',68299 \operatorname{Cos}\alpha \operatorname{Sin}\Omega \\
& + 8'',97707 \operatorname{Sin}\alpha \operatorname{Cos}\Omega \\
& + 0'',08046 \operatorname{Cos}\alpha \operatorname{Sin}2\Omega \\
& - 0'',08773 \operatorname{Sin}\alpha \operatorname{Cos}2\Omega \\
& - 0'',53194 \operatorname{Cos}\alpha \operatorname{Sin}2\odot \\
& + 0'',57990 \operatorname{Sin}\alpha \operatorname{Cos}2\odot \\
& + 20'',255 [\operatorname{Sin}\alpha . \operatorname{Sin}\delta \operatorname{Cos}\omega - \operatorname{Cos}\delta \operatorname{Sin}\omega] \operatorname{Cos}\odot \\
& - 20'',255 \operatorname{Cos}\alpha \operatorname{Sin}\delta . \operatorname{Sin}\odot
\end{aligned}$$

In his formulis, ubi τ significat tempus ab initio anni numeratum (toto anno pro unitate sumpto), μ et μ' annuos motus proprios in Adscensione recta et Declinatione, ea membra, quae a quadratis productisque Aberrationis et Nutationis nec non a duplici Longitudine Lunari pendent, neglecta sunt. Priora, ut supra demonstratum est, tantum pro stellis polo proximis alicujus momenti sunt, posteriora, quae locum stellae nunquam decima minuti secundi parte respectu circuli maximi mutant, brevi insuper circumscripta sunt periodo, quo fit, ut ipsorum effectus in medium saepius repetitarum stellae observationum

longe sit minor. Hae igitur formulae in plurimis casibus in locum completarum, quas supra explicui, substitui poterunt.

Statuendo

$$6'',68299 = ni;\quad 15'',39537 - mi = h$$
$$0'',08046 = ni';\quad 0'',18538 - mi' = h'$$
$$0'',53194 = ni'';\quad 1'',22542 - mi'' = h''$$

formulae, quas modo memoravi, ad hanc formam redigi possunt:

$$\begin{aligned}\alpha' = \alpha &+ [\tau - i \operatorname{Sin} \Omega + i' \operatorname{Sin} 2\Omega - i'' \operatorname{Sin} 2\odot](m + n \operatorname{Tang} \delta \operatorname{Sin} \alpha)\\ &- [8'',97707 \operatorname{Cos} \Omega - 0'',08773 \operatorname{Cos} 2\Omega + 0'',5799 \operatorname{Cos} 2\odot] \operatorname{Tang} \delta \operatorname{Cos} \alpha\\ &- 20'',255 \operatorname{Cos} \omega \operatorname{Cos} \odot . \operatorname{Sec} \delta \operatorname{Cos} \alpha\\ &- 20'',255 \operatorname{Sin} \odot . \operatorname{Sec} \delta \operatorname{Sin} \alpha\\ &+ \tau . \mu\\ &- h \operatorname{Sin} \Omega + h' \operatorname{Sin} 2\Omega - h'' \operatorname{Sin} 2\odot\end{aligned}$$

$$\begin{aligned}\delta' = \delta &+ [\tau - i \operatorname{Sin} \Omega + i' \operatorname{Sin} 2\Omega - i'' \operatorname{Sin} 2\odot]\, n \operatorname{Cos} \alpha\\ &+ [8'',97707 \operatorname{Cos} \Omega - 0'',08773 \operatorname{Cos} 2\Omega + 0'',5799 \operatorname{Cos} 2\odot] \operatorname{Sin} \alpha\\ &- 20'',255 \operatorname{Cos} \omega \operatorname{Cos} \odot [\operatorname{Tang} \omega \operatorname{Cos} \delta - \operatorname{Sin} \delta \operatorname{Sin} \alpha]\\ &- 20'',255 \operatorname{Sin} \odot . \operatorname{Sin} \delta \operatorname{Cos} \alpha\\ &+ \tau . \mu'\end{aligned}$$

Sequentibus autem adhibitis significationibus

$$\begin{aligned} A &= \tau - i \operatorname{Sin} \Omega + i' \operatorname{Sin} 2\Omega - i'' \operatorname{Sin} 2\odot\\ B &= -8'',97707 \operatorname{Cos} \Omega + 0'',08773 \operatorname{Cos} 2\Omega - 0'',57990 \operatorname{Cos} 2\odot\\ C &= -20'',255 \operatorname{Cos} \omega \operatorname{Cos} \odot\\ D &= -20'',255 \operatorname{Sin} \odot\\ E &= -h \operatorname{Sin} \Omega + h' \operatorname{Sin} 2\Omega - h'' \operatorname{Sin} 2\odot\\ a &= m + n \operatorname{Tang} \delta \operatorname{Sin} \alpha\\ b &= \operatorname{Tang} \delta \operatorname{Cos} \alpha\\ c &= \operatorname{Sec} \delta \operatorname{Cos} \alpha\\ d &= \operatorname{Sec} \delta \operatorname{Sin} \alpha\\ a' &= n \operatorname{Cos} \alpha\\ b' &= - \operatorname{Sin} \alpha\\ c' &= \operatorname{Tang} \omega \operatorname{Cos} \delta - \operatorname{Sin} \delta \operatorname{Sin} \alpha\\ d' &= \operatorname{Sin} \delta \operatorname{Cos} \alpha\end{aligned}$$

habebimus

$$\alpha' = \alpha + Aa + Bb + Cc + Dd + \tau\mu + E$$
$$\delta' = \delta + Aa' + Bb' + Cc' + Dd' + \tau\mu'$$

ubi quantitates A, B, C, D, E, quum pendeant a tempore solo, non a stellae loco, in Tabulas, quarum Argumentum sit tempus, redigi possunt, contra quantitates a, b, c, d, a', b', c', d' a stellae tantum loco dependent, ipsaque a et a' annuae sunt, quae in catalogis stellarum inveniuntur, Praecessiones in Adscensione recta et Declinatione.

Secundum has formulas computatio apparentis stellae cujusdam loci e duabus partibus constat, quarum altera postulat logarithmos quantitatum A, B, C, D, τ et quantitatem E, quae omnibus stellis communes sunt, altera

contra logarithmos quantitatum a, b, c, d, μ; a', b', c', d' μ' a loco stellae ejusque motu proprio dependentium.

Priorem hujus computationis partem Tabula VIII pro decimo quoque die annorum 1750 usque ad 1849 incl. continet. Logarithmos ipsorum A et B amici computaverunt mihi carissimi, *Dr. a Steinheil* et *Knorre*, qui computationem pro annis 1750 usque ad annum 1800 iterabant, et *Olufsen*, qui computationem susceperat pro annis 1800 usque ad annum 1850. Quo labore haud contemnendam arbitror laudem meruisse homines de Astronomia alias optime meritos. Quod reliquum erat computationis, id ipse vocavi ad calculos.

Jam accuratius explicabo Tabulam. Quantitates i, i', i'' inveniuntur ponendo pro m et n valores [16]

$$1750 \ldots\ldots i = 0'',33308; \quad i' = 0'',00401; \quad i'' = 0'',02651$$
$$1850 \ldots\ldots\ldots 0'',33324; \quad 0'',00401; \quad 0'',02652$$

et porro

$$1750 \ldots\ldots h = 0'',0645; \quad h' = 0'',0008; \quad h'' = 0'',0051$$
$$1850 \ldots\ldots\ldots 0'',0468; \quad 0'',0006; \quad 0'',0037$$

Differentias tempori esse proportionales, supponere possumus. Locus Nodi Lunaris secundum *Bürgianas* Tabulas pro eo temporis momento, quo media Longitudo Solaris initio anni 1800 aequabat 280°, suppositus est $= 33° \, 15' \, 25'',9$; ejusque motus retrogradus per annum tropicum $= 19° \, 20' \, 29'',53$. Longitudinibus Solis, depromptis e Tabulis meis, adjeci $+ 20'',25$ propter Aberrationem. Ita Longitudines Solares (⊙) necessarias ad computandam Tab. VIII accepi ex sequentibus formulis, in quibus m significat Mediam Longitudinem; Media vero Anomalia pro tempore $1800 + t$ posita

$$\mu = m - [279° \, 30' \, 8'',39 + t \, . \, 61'',5171 + tt \, . \, 0'',0002037965],$$

Eccentricitate

$$e = 0,0167922585 - t \, . \, 0'',0000004359$$

$$1750 \ldots . \odot = m + 20'',25 + 1° \, 55' \, 37'',4889 \operatorname{Sin} \mu + 1' \, 12'',9147 \operatorname{Sin} 2\mu$$
$$+ 1'',0627 \operatorname{Sin} 3\mu + 0'',0177 \operatorname{Sin} 4\mu$$
$$1850 \ldots . \odot = m + 20'',25 + 1° \, 55' \, 18'',0710 \operatorname{Sin} \mu + 1' \, 12'',5071 \operatorname{Sin} 2\mu$$
$$+ 1'',0538 \operatorname{Sin} 3\mu + 0'',0175 \operatorname{Sin} 4\mu$$

Annus tropicus, unde dependet τ, est

$$\text{pro} \quad 1750 = 365^d,242223490$$
$$\text{pro} \quad 1850 = 365^d,242216604$$

Tabula his adhibitis elementis calculata logarithmos continet ipsorum A, B, C, D, τ quantitatemque E, quae quum omnibus sit Adscensionibus rectis communis, neque unquam plus quam centesimas partes minuti secundi transcendat, in pluribus casibus negligi poterit. Haec omnia in Tabula inveniuntur pro initio annorum fictorum 1750 .... 1849, et pro iis temporis momemtis, quae 10, 20, 30 .... 370 dies sidereos sequuntur initium. Ea tempora consignavi Jan. 0,10 .... Dec. 36, pro annis autem intercalaribus Jan. 1,11 .... Dec. 36. Itaque Anno tropico, diebus expresso, significatoque

per T, quantitates, unde dependent ipsa A, B etc... pro anno $1800 + t$, adhibitis formulis

$$\tau = \frac{10n}{T+1}$$

$$\Omega = 33^\circ 15' 25'',9 - t \,.\, 19^\circ 20' 29'',53 - \frac{10n}{T+1} \,.\, 19^\circ 20' 29'',53$$

$$m = 280^\circ + \frac{10n \,.\, 360^\circ}{T+1}$$

calculatae sunt, ubi n omnes numeros integros a 0 usque ad 37 complectitur.

Ex hac Tabulae dispositione apparet, ipsam immediate valere pro 18^h $40'$ temporis siderei ejus meridiani, pro quo Epocha mediae Longitudinis Solaris sit $= 280^\circ$. Qua si velis pro eodem tempore sidereo, sed alio meridiano uti, Argumentum erit *Dies reductus*, si velis pro alio tempore sidereo, per g designato, huic Argumento addenda erit quantitas

$$\frac{g - 18^h 40'}{24^h}$$

quae semper positive et < 1 erit sumenda, sive addenda erit quantitas

$$g' = \frac{g + 5^h 20'}{24^h}$$

omisso die integro, si $g + 5^h 20' \gtreqless 24^h$. Quantitas illa g' in initio Tabulae (P. 16) invenitur tum pro dato tempore sidereo horis et minutis, tum gradibus expressa. Postremo indicatum volo, communem dies numerandi consuetudinem ab ea abhorrere, quae sit in Tabulis supposita. Etenim illa dies inchoat a momento Solis culminantis, haec a momento, quo culminet illud in Aequatore situm punctum, cujus sit Adscensio recta $= 280^\circ$ sive $18^h 40'$. Ergo simul ut Adscensio recta Solaris tempus sidereum g assecuta erit, ita ut hoc illam antegrediatur, diei, secundum communem consuetudinem numerato, unus dies est adnumerandus. Quibus omnibus in unum collectis, haec prodibit Pag. 16 memorata regula ad formandum Argumentum illud, quocum ingrediendum est in Tabulam, nempe:

Arg. $=$ *Diei reducto* $+ g' + i$

ubi $i = 0$ *ab initio anni usque ad tempus, ubi* $A.R. \odot = g$, *postea vero* $= + 1$.

Nunc varios hujus Tabulae usus adhibitis exemplis accuratius explicare in animo est.

I. Si quaeruntur $\alpha' - \alpha$ et $\delta' - \delta$ in hunc finem, ut Ephemeris stellae inveniatur pro Culminationum momentis, sive propositum est, observationum ejusdem stellae in meridiano factarum seriem ad initium anni, quo sunt institutae, reducere, erit $g = \alpha$, unde $g' + i$ regulae convenienter reperitur. Sed Tabulae VIII parum commodus usus est ad interpolandos logarithmos ipsorum A, B, inprimis ipsorum C et D, qua de caussa melius erit hanc interpolationem evitare. Hoc eo fit, si computemus $\alpha' - \alpha$ et $\delta' - \delta$ pro iis temporis momentis, pro quibus quantitates A, B etc. data sunt in Tabula;

ex qua facili interpolatione desideratam ephemerida derivare poterimus pro ipsis Culminationis momentis. Haec ego exemplo illustraturus supponam, plures Mensibus Novembri et Decembri anni 1828 Regiomonti factas in Meridiano observationes stellae α *Lyrae* simul esse reducendas. Quoniam $\alpha = 18^h 31' 6'',9$, habebimus (Pag. 16) $g' = 0,994$ (i erit $= 0$, quia A. R. ⊙ nondum assecuta est tempus sidereum, pro quo calculus sit instituendus); Tab. I et II diei reductionem suppeditant $= + 0,067$. Itaque habebimus Tabulae Argumentum $=$ observationis diei $+ 1,061$. Pro stella hac, quum sit

$$\alpha = 277° 46' 44'', \quad \delta = + 38° 37' 42'', \quad \mu = + 0'',277, \quad \mu' = + 0'',270,$$

inveniemus

Log. a, b, c, d, μ	1,4796	9,0341	9,2387	0,1032 n	9,4425
Log. a', b', c', d', μ'	0,4337	9,9960	9,9812	8,9268	9,4314

Quos logarithmos quum logarithmis Tabulae adjecerimus, habebimus producta singula

pro Adscensione recta

	Aa	Bb	Cc	Dd	$\tau\mu$	E	$\alpha'-\alpha$	
Oct. 27	+ 26'',79	+ 0'',92	+ 2'',70	− 14'',04	+ 0'',23	+ 0'',01	+ 16'',61	− 3'',18
Nov. 6	+ 27,46	+ 0,94	+ 2,35	− 17,56	+ 0,23	+ 0,01	+ 13,43	− 2,62
16	+ 28,23	+ 0,96	+ 1,93	− 20,56	+ 0,24	+ 0,01	+ 10,81	− 1,97
26	+ 29,08	+ 0,99	+ 1,45	− 22,94	+ 0,25	+ 0,01	+ 8,84	− 1,25
Dec. 6	+ 30,01	+ 1,00	+ 0,92	− 24,61	+ 0,26	+ 0,01	+ 7,59	− 0,47
16	+ 31,00	+ 1,01	+ 0,36	− 25,52	+ 0,26	+ 0,01	+ 7,12	+ 0,36
26	+ 32,02	+ 1,02	− 0,21	− 25,63	+ 0,27	+ 0,01	+ 7,48	

pro Declinatione

	Aa'	Bb'	Cc'	Dd'	$\tau\mu'$	$\delta'-\delta$	
Oct. 27	+ 2'',41	+ 8'',40	+ 14'',90	+ 0'',94	+ 0'',22	+ 26'',87	− 1'',39
Nov. 6	+ 2,47	+ 8,62	+ 12,99	+ 1,17	+ 0,23	+ 25,48	− 1,82
16	+ 2,54	+ 8,84	+ 10,67	+ 1,37	+ 0,24	+ 23,66	− 2,22
26	+ 2,62	+ 9,04	+ 8,01	+ 1,53	+ 0,24	+ 21,44	− 2,55
Dec. 6	+ 2,70	+ 9,20	+ 5,10	+ 1,64	+ 0,25	+ 18,89	− 2,83
16	+ 2,79	+ 9,30	+ 2,01	+ 1,70	+ 0,26	+ 16,06	− 3,01
26	+ 2,88	+ 9,33	− 1,14	+ 1,71	+ 0,27	+ 13,05	

Ex his valoribus ipsorum $\alpha' - \alpha$ et $\delta' - \delta$ valores pro diebus observationum interpolandi sunt, diebus, ut supra inventum est, addendo quantitatem $+ 1,061$, sive quod idem est, numeri computati non pro diebus adscriptis valent, sed pro his $- 1,061$. Igitur facillime res expedietur, supponendo, eos pro proximo die integro valere, eorumque variationem addendo pro fractione diei. Itaque in hoc nostro exemplo valores inventi quantitatum $\alpha' - \alpha$

et $\delta' - \delta$, addita variatione per $+ 0{,}061$ dies, valent pro Oct. 26, Nov. 5, 15 etc., atqui haec variatio sine sensibili errore invenietur, multiplicando fractionem diei per vigesimam partem summae differentiae antecedentis et insequentis. Hoc modo Ephemeris pro Culminationibus *α Lyrae* in Meridiano Regiomontano invenitur:

1828	A. R.	Diff.	Decl.	Diff.
Oct. 26	+ 16″,59	− 3,18	+ 26″,86	− 1″,39
Noc. 5	+ 13,41	− 2,61	+ 25,47	− 1,82
15	+ 10,80	− 1,97	+ 23,65	− 2,22
25	+ 8,83	− 1,25	+ 21,43	− 2,56
Dec, 5	+ 7,58	− 0,46	+ 18,87	− 2,83
15	+ 7,12	+ 0,36	+ 16,04	− 3,01
25	+ 7,48		+ 13,03	

II. Si plures singulae stellae observationes reducendae sunt ad initium anni, e. g. ad Epocham catologi stellarum componendi, neque quod ex unaquaque observatione separatim prodeat, sed medium illud, quod ex observationibus universis manet, sciscitamur, commodissime res tractari poterit, adhibitis quantitatibus ipsis A, B, C, D, τ, non eorum logarithmis. Quo in casu Tabulae VIII usus erit ad condendam Tabulam non-logarithmicam, mutandam in hoc, ut A et τ non ad initium cujusque anni, sed ad Epocham T, ad quam reducendae sint observationes, referantur. Quod fieri potest valoribus Tabula contentis ipsorum A et τ pro quoque anno, addendo numerum integrum $t - T$, t significante annum observationis. Tabula non-logarithmica commode poterit interpolari, quod vel commodius fieri potest adhibendo vavalores quantitatum C et D pro unoquoque die, datos per Tab. IX. Unicuique igitur loco apparenti observato valores adscribemus quantitatum A, B, C, D, τ, E, reductionemque habebimus medii arithmetici, ex omnibus observationibus collecti, quum producta addiderimus coefficientium a, b etc. et mediorum arithmeticorum ex omnibus valoribus quantitatum A, B etc., sumptis signis inversis.

III. Si unicus stellae locus apparens separatim est calculandus, etiam hoc poterit satis commode fieri ope hujus nostrae Tabulae, duabus quidem rationibus, quarum altera nullam aliam praeparationem postulat, altera commodior est, quum necessariam jam adhibuerimus praeparationem. Methodus prior interpolationem supponit Logarithmorum ipsorum A et B in Tabula VIII, sed quia logarithmi ipsorum C et D in eadem Tabula non satis uniformiter crescunt, qui commode interpolari possint, Tabulam IX adjeci, quae hos logarithmos continet pro unoquoque die non solum pro 1750 sed etiam pro 1850. Hoc modo quum variatio saecularis innotuerit, verus valor inveniri poterit pro intermediis annis. Sed in hoc illud notandum est, in logarithmis

ibi tantum esse interpolandum, ubi quantitates, ad quas pertinent, signum algebraicum non mutent, interpolationem vero in vicinia transituum ab uno ad alterum signum magna laborare incommoditate. Hinc sequitur, usum hujus methodi in quibusdam casibus hoc poscere, ut inter ipsos numeros, ad quos logarithmi pertineant, interpoletur. Exemplo utar computatione $\alpha'-\alpha$ et $\delta'-\delta$ pro Culminatione stellae α *Lyrae* die 26. Octob. 1828 pro meridiano Regiomontano:

Dies datus	1828 Octob. 26
Reductio diei	+ 0,067
Dies reductus	1828 Octob. 26,067
$g = 18^h\, 31',1$ ..... $g' =$	+ 0,994
i	0,
Argumentum Tabulae	1828 Octob. 27,061

Huic Argumento respondent in Tabb. VIII et IX Log A, B, C, D, τ ..... 9,9485; 0,9283; 1,1917; 1,0448; 9,9135, quorum ope, adhibitis valoribus coefficientium a, b, etc. supra datis, inveniuntur:

$Aa =$	$+ 26'',80$	$Aa' =$	$+ 2'',41$
$Bb =$	$+ 0,92$	$Bb' =$	$+ 8,40$
$Cc =$	$+ 2,69$	$Cc' =$	$+ 14,89$
$Dd =$	$- 14,06$	$Dd' =$	$+ 0,94$
$\tau\mu =$	$+ 0,23$	$\tau\mu' =$	$+ 0,22$
$E =$	$+ 0,01$		
$\alpha'-\alpha =$	$+ 16,59$	$\delta'-\delta =$	$+ 26,86$

Si haec ratio Tabulas VIII et IX adhibendi in usum vocatur, commodius erit, Cc' calculare ex duabus iisque separatis partibus $C \operatorname{Tang}\omega \operatorname{Cos}\delta - C \operatorname{Sin}\delta \operatorname{Sin}\alpha$, quam quantitatem c' quaerere ex formula e duobus terminis composita.

Altera methodus Tabulae mutationem desiderat. Quoniam habemus:

$$\begin{aligned}\alpha'-\alpha &= Am + [An \operatorname{Sin}\alpha + B \operatorname{Cos}\alpha] \operatorname{Tang}\delta \\ &\quad + [C \operatorname{Cos}\alpha + D \operatorname{Sin}\alpha] \operatorname{Sec}\delta \\ &\quad + \tau\mu + E \\ \delta'-\delta &= An \operatorname{Cos}\alpha - B \operatorname{Sin}\alpha \\ &\quad + [-C \operatorname{Sin}\alpha + D \operatorname{Cos}\alpha] \operatorname{Sin}\delta + C \operatorname{Tang}\omega \operatorname{Cos}\delta \\ &\quad + \tau\mu'\end{aligned}$$

formulae, ponendo

$$g \operatorname{Cos} G = An \qquad h \operatorname{Cos} H = D$$
$$g \operatorname{Sin} G = B \qquad h \operatorname{Sin} H = C$$

hanc formam induunt:

$$\alpha'-\alpha = Am + E + g \operatorname{Sin}(G+\alpha) \operatorname{Tang}\delta + h \operatorname{Sin}(H+\alpha) \operatorname{Sec}\delta + \tau\mu$$
$$\delta'-\delta = g \operatorname{Cos}(G+\alpha) + h \operatorname{Cos}(H+\alpha) \operatorname{Sin}\delta + C \operatorname{Tang}\omega \operatorname{Cos}\delta + \tau\mu'$$

Quum quantitates

$$Am + E;\ \operatorname{Log} g;\ G;\ \operatorname{Log} h;\ H;\ C \operatorname{Tang}\omega;\ \operatorname{Log}\tau$$

quae a stellarum locis non dependent, in Tabulam redegerimus, cujus sit Argumentum idem, quod jam in Tab. VIII est usurpatum, locum stellae separatim quaesitum facillime computare poterimus, quia omnes hae quantitates facile possunt interpolari. Quam Tabulae VIII immutationem anno 1822 *) quum commendavissem, Cel. *Enckius* in Ephemeridibus suis nunquam satis laudandis Tabulam dedit, quae tamen in hoc abhorret ab illa, qnae hic explicata est, quod non tempori sidereo sed medio tempori est accomodata. Quae dispositio, etiamsi singulus tantum stellae locus computandus est, meo judicio non commodior est quam altera, quam in aliis casibus veram Tabularum reductionibus inservientium perfectionem duco, quoniam, labore non aucto, reductionem suppeditat pro ipsis Culminationum momentis. Optandum est, fore ut Ephemerides in posterum semper similem contineant Tabulam. Primo ejusmodi Tabulas pro saeculo ab anno 1750 usque ad annum 1850 huic operi annectere mihi in animo erat, sed, ne volumen nimis crescat, praetuli, annuis illas Ephemeridibus relinquere.

Quo facilior redderetur usus Tabulae VIII, logarithmos ipsorum a, b, c, d; a', b', c', d', et si forte cito variantur, annuas quoque variationes pro 500 stellis lucidis computavit Celeb. *Schumacherus* noster **); *Franciscus Baily* eosdem dedit pro anno 1830 pro stellis 2881 ***). Ejusmodi logarithmos hic non adjeci, primum, quia illos possidemus pro numero stellarum haud exiguo, deinde, quia pro stella, cujus locus semel tantum nsurpatur, commodius est, immutationem Tabulae VIII explicatam, hos logarithmos non supponentem adhibere, postremo, quia parvi illos calculandi laboris hoc est praemium, ut, si pro ipso reducendarum observationum tempore quaeruntur, majori gaudeant praecisione, quam si depromuntur e catalogo, qui pro alio tempore illos praebeat. Ceterum pro stellis fundamentalibus horum logarithmorum esset frequens usus, sed pro his peculiares sunt in hoc libro compositae Tabulae, longe commodiores; pro stellis vero in specula Grenovicensi saepius observatis in hunc finem, ut error inde collimationis Quadrantis concluderetur, ipsos infra pro decimo quoque anno proferam.

Tabula X.

Adscensiones rectae et Declinationes mediae et apparentes Stellarum 36 fundamentalium atque α et δ Ursae minoris, ab anno 1750 usque ad annum 1850 computatae.

Pervulgatum est, *Maskelynium* 36 stellas inerrantes elegisse, quarum loca sola adhiberet ad comparationem cum reliquis sideribus, eamque ob

*) *Schumacher*, Astronomische Nachrichten. Nr. 18.
**) Astronomische Hülfstafeln für 1822. Hafniae.
***) *Francis Baily*, New tables for facilitating the computation of Praecession, Aberration and Nutation. Londini, 1827.

caussam nomen illis indidisse stellarum *fundamentalium*. Quae quum hac de caussa, tum per longum temporis spatium, quod ipsae *Maskelynii* observationes complectuntur, tum serius ab aliis Astronomis frequentissime sint observatae, prae ceteris stellis accuratam subtilemque desiderant et situs et motus determinationem.

Harum stellarum loca *relativa* inde a *Bradleji* temporibus si tam accurate definita esse supponimus, quam fieri potuit observationibus per hoc temporis intervallum institutis, jam omnes Adscensiones rectas et Declinationes, quae determinatae sint comparatione facta cum illis, quasi unico fundamento niti statuere possumus, nostramque motuum corporum coelestium cognitionem augebimus et confirmabimus, si omnis nostra eaque indefessa cura versabitur in hoc, ut illud unicum fundamentum, i. e. *absolutas* Adscensiones rectas et Declinationes illarum 36 stellarum, in dies accuratius cognoscamus. Longa experientia mihi ipsi *Maskelynii* confirmavit opinionem, numerum stellarum, quas dicimus, sufficere in specula bene instructa, ut observationibus ope instrumentorum meridianorum institutis necessariam semper copiam punctorum, quibuscum illae comparari possint, largiri possimus. Sed quia necesse est ad situm instrumenti rectificandum, 36 illas stellas cum stellis polo propinquis conjungere, in specula Grenovicensi a *Bradleji* temporibus continuae factae sunt observationes circa stellam α Ursae minoris, ejusdemque speculae exemplum aliae speculae secutae sunt. Postquam specula Regiomontana anno 1820 praeclarissimo Circulo Meridiano instructa erat, secundam stellam polarem, nempe δ Ursae minoris, ope hujus instrumenti unoquoque diei tempore visibilem, adjeci in hunc finem, ut iis quoque temporibus, quibus una alterave prioris stellae Culminatio in nocturnas easque incommodas horas inciderit, correctio instrumenti facilis possit et completa fieri, i. e. per contrarias Culminationes. Has 38 stellas plane sufficere puto usui speculae, cujus sit completa ad observationes meridianas suppellex, neque, si huic numero novae stellae additae fuerint, ullam arbitror fore e numero aucto utilitatem, quae incommodum hujus mutationis *Catalogi fundamentalis* compensare possit. Speculae, in quibus instrumenta meridiana non satis firma gaudent collocatione, aut in quibus observationes instituuntur extra meridianum, numerosiore indigent Catalogo stellarum.

Tabulas illarum 36 stellarum *fundamentalium* nec non utriusque stellae *polaris* hoc libro contentas ita comparatas esse volui, ut stellarum, quas dicimus, apparentes Adscensiones rectas et Declinationes pro quoque tempore intra annos 1750 et 1850 sumpto summa qua fieri possit facilitate, ex iisdem semper elementis petitas suppeditent. Hae Tabulae in quinque Sectiones divisae sunt pro Annis 1750—1770, 1770—1790, 1790—1810, 1810—1830, 1830—1850; quum omnes 5 Sectiones loca contineant illarum 36 stellarum et stellae α Ursae minoris, quarta et quinta Sectio loca quoque habet stellae δ Ursae minoris, hujus stellae loca tribus illis prioribus Sectionibus haud adjeci, quia stella illa demum ab anno 1820 stellae polaris vice fungi coepit.

Harum Tabularum Argumentum *Dies reductus* est, qui aut immediate aut additis die integro aut duobus diebus integris (ut pro unaquaque stella in Tabulis exponitur) apparentia stellarum loca pro momentis superiorum Culminationum subministrat. Pro omnibus 36 stellis fundamentalibus sinistra pagina libri pro initio annorum et pro temporibus, quae intervallo 100, 200, 300, 400 dierum sidereorum subsequuntur, summam continet et medii loci pro initio annorum et partium earum Nutationis, quae a Longitudine nodi Lunaris dependent; dextra vero pagina pro decimo quoque die sidereo summam continet et medii motus numerati ab initio anni et Aberrationis et Nutationis Solaris, porro medium pro quoque anno locum, qui in computandis Tabulis adhibitus est. Tabula, quae est in dextra pagina, pro medio cujusque Sectionis anno, nempe anno 1760, 1780, 1800, 1820, 1840, computata est, sed in duabus ultimis columnis continet variationes, quas per decem annos quantitates prioribus columnis contentae patiuntur; numeri autem harum ultimarum columnarum pro Adscensione recta millesimae sunt temporalis secundi partes, pro Declinatione centesimae secundi arcualis partes.

In construendis his Tabulis multum mihi auxilium attulerunt Clar. *Albert, Anger* et *Busch. Anger* Nutationem Lunarem pro initio et 200mo die sidereo annorum calculavit pro Adscensione recta, idem computavit *Buschius* pro Declinatione, reliqua inde interpolatione derivavi. Cl. *Albert* Tabulam in dextra pagina pro Adscensione recta non solum pro 1750 sed etiam pro 1850 computavit, idem una cum Cl. *Buschio* Tabulam condidit pro Declinatione, ex quo Tabulas pro mediis annis quinque illarum Sectionum et variationes, quas per decem annos patiuntur, conclusi. Quum in omnibus his calculis una plus quam Tabulis contineatur nota decimalis adhibita sit, addita praeterea apta calculi comprobatione, in hanc spem sum adductus, ut certitudo ultimae in Tabulis retentae decimalis ubique usque ad unam unitatem possit confirmari.

Simili modo Tabulae utriusque stellae polaris dispositae sunt. Sed in his Tabulis ea membra, quae a quadratis productisque Aberrationis et Nutationis dependent, quum limitem assecutae essent, ad quam approximatio Tabularum accedit, non neglecta sunt, nec minus non omissa est Nutatio a duplici Longitudine Lunari dependens. In his quoque Tabulis calculandis adjutus sum ab *Angero* meo, qui pro stella α Ursae minoris Tabulas inaequalitatis annuae pro annis 1760, 1780, 1800, 1820, 1840 computavit. Nunc de Tabularum Analysi accuratius exponam, earumque usum exemplis illustrabo.

1. *De stellis fundamentalibus.*

Pro 36 stellis fundamentalibus media illa loca pro 1755 posita sunt, quae ex *Bradleji* observationibus computavi *), Adscensiones rectae autem pro 1825

*) Fundamenta Astronomiae pro Anno 1755. Sect. X.

e secundo Regiomontano Catalogo fundamentali, Declinationes vero pro 1820 e determinatione Regiomontana sumptae sunt. *)

His locis positis, adhibitaque formula [20] supra data, Adscensionem rectam pro anno $1750+t$ habebimus

$$= \alpha + (\alpha' - \alpha)\frac{t-5}{70} + \Delta p\,\frac{t-5\,.\,t-75}{2}$$

Declinationem vero

$$= \delta + (\delta' - \delta)\frac{t-5}{65} + \Delta p\,\frac{t-5\,.\,t-70}{2}$$

ubi Δp significat annuam annuarum Praecessionum variationem. Quae loca subsint, hic proferre haud necessiarum duco, quoniam eadem sunt, quae in Catalogo mediorum locorum pro initio cujusque anni juxta Tabulas reperiuntur, sed valores indicabo quantitatis Δp, ut omnia hic in unum locum collata reperiantur, quae necessaria sint ad Tabulas examinandas.

	A. R. in temp.	Decl.
γ *Pegasi*	+ 0″,000097	− 0″,00013
α *Arietis*	+ 0,000201	− 0,00240
α *Ceti*	+ 0,000097	− 0,00316
α *Tauri*	+ 0,000109	− 0,00458
α *Aurigae*	+ 0,000184	− 0,00622
β *Orionis*	+ 0,000043	− 0,00411
β *Tauri*	+ 0,000089	− 0,00540
α *Orionis*	+ 0,000031	− 0,00473
α *Canis majoris*	+ 0,000004	− 0,00380
α *Geminorum*	− 0,000125	− 0,00527
α *Canis minoris*	− 0,000044	− 0,00422
β *Geminorum*	− 0,000122	− 0,00491
α *Hydrae*	− 0,000015	− 0,00273
α *Leonis*	− 0,000102	− 0,00233
β *Leonis*	− 0,000077	− 0,00036
β *Virginis*	− 0,000006	− 0,00033
α *Virginis*	+ 0,000112	+ 0,00153
α *Bootis*	+ 0,000012	+ 0,00216
1α *Librae*	+ 0,000156	+ 0,00311
2α *Librae*	+ 0,000155	+ 0,00313
α *Coronae*	+ 0,000024	+ 0,00296
α *Serpentis*	+ 0,000063	+ 0,00349
α *Scorpii*	+ 0,000157	+ 0,00484
α *Herculis*	+ 0,000037	+ 0,00387
α *Ophiuchi*	+ 0,000035	+ 0,00400

*) Astronomische Beobachtungen auf der Königsberger Universitäts-Sternwarte. VII. Abtheilung.

α *Lyrae*	+ 0″,000016	+ 0″,00291
γ *Aquilae*	— 0,000008	+ 0,00376
α *Aquilae*	— 0,000014	+ 0,00384
β *Aquilae*	— 0,000015	+ 0,00369
1α *Capricorni*	— 0,000081	+ 0,00411
2α *Capricorni*	— 0,000081	+ 0,00411
α *Cygni*	+ 0,000024	+ 0,00227
α *Aquarii*	— 0,000043	+ 0,00227
α *Piscis austrini*	— 0,000217	+ 0,00149
α *Pegasi*	+ 0,000053	+ 0,00116
α *Andromedae*	+ 0,000177	— 0,00004

Sunt in his 36 stellis 3 stellae duplices, nempe β *Orionis*, α *Geminorum* et α *Herculis*. Quum prima et ultima e duabus constent stellis valde disparibus lumine, data harum stellarum loca ad lucidiorem pertinent, stella vero α *Geminorum* e duabus stellis non admodum inter se diversis composita est; quae quum in Tubis minoris facultatis opticae non disjunctae cernantur, observatae sunt a *Bradlejo*, quasi unica stella esset. Quam ob caussam ponendum est, locum pro 1755 dimidiatae distantiae utriusque stellae respondere. Adscensio recta, quam dedi pro 1825, medium est Adscensionum rectarum utriusque stellae; Declinatio quidem pro 1820 lucidiori stellae insequenti respondet, sed quum haec stella tunc temporis non decima minuti secundi parte propius accederet ad septemtriones, quam dimidiata distantia utriusque stellae, etiam hanc determinationem ad idem punctum pertinere licet supponere, quare omnia in Tabula data loca huic puncto respondent.

Formulae Nutationis et Aberrationis, quae in usum vocatae sunt pro stellis fundamentalibus, eae sunt, quae initio explicationis Tabulae VIII et IX memoratae sunt. Longitudines Nodi Lunaris et Solis, quibus numeri, qui Tabula continentur, computati sunt, non pro initio dierum 0, 10, 20.... anni ficti positae sunt, sed pro

$$0 + \frac{\alpha - 18^h\,40'}{24^h}; \quad 10 + \frac{\alpha - 18^h\,40'}{24^h}; \text{ etc.}$$

quo efficitur, ut numeri Tabulae in anno ficto valeant pro momentis superiorum Culminationum, atque *dies reductus*, sine respectu Adscensionum rectarum stellarum, Tabulae fiat Argumentum illud, quod omnibus sit stellis commune. Sed quia in hac dispositione dies tabularis signatus per Jan. 0 (annis vero bissextis per Jan. 1) is dies sidereus erit, cujus tempore $18^h\,40'$ annus communi consuetudine i. e. a meridie numeratus incipit, perspicuum est, earum stellarum, quarum sit Adscensio recta minor quam $18^h\,40'$, culminationem in Tabula per 0 signatam non die initiali anni sed praecedente fieri, ex quo fieri potest, diei a meridie numerato unum esse diem addendum, priusquam cum ipso ingrediendum sit in Tabulam; pro stellis autem, quarum Adscensio recta sit $\gtreqless 18^h\,40'$, illud, quod modo diximus, locum non habet. Quod

praeceptum tam diu observatur, donec crescens Solis Adscensio recta Adscensionem stellae transgredi coepit, quo fit, ut culminatio stellae Solis culminationem antegrediatur, ergo consueta dies numerandi ratio a tabulari ratione numerandi uno die recedat. Quibus omnibus in unum collectis haec evadet regula ad formandum Argumentum, quocum ingrediendum sit in Tabulam, ut pro dato die inveniri possit stellae locus apparens, qui superiori ejus Culminationi respondeat:

$$Arg. = Diei\ reducto + i$$

ubi i significat

a) pro stella, cujus $AR. \gtreqless 18^h 40'$,
0 ... ab initio anni usque ad tempus ubi $AR\odot =$ $AR.$ stellae, postea vero + 1.

b) pro stella, cujus $AR. < 18^h 40'$,
+ 1 ... ab initio anni usque ad tempus ubi $AR\odot =$ $AR.$ stellae, postea vero + 2.

Dies, quo Sol Adscensionem rectam cujusque illarum 36 stellarum assequatur, valorque ipsius i ante et post hunc diem in quaque pagina dextra libri secundum hanc regulam memoratur.

Tabulae, quae in dextra pagina invenitur, quaeque summam continet et motus medii, ab anni initio numerati, et Aberrationis et Nutationis Solaris pro decimo quoque die non ad communem consuetudinem differentiae sunt adscriptae, sed vigesima pars summae differentiarum antecedentis et sequentis, quae quasi diurna variatio pro eo tempore, quod in eadem linea reperitur, poterit considerari. Schema Tabulae igitur hoc erit:

Dies	Numerus	Variat. diurna
m	a	b
$m' = m + 10$	a'	b'
$m'' = m' + 10$	a''	b''
$m''' = m'' + 10$	a'''	b'''
etc.	etc.	etc.

Si numerus quaeritur y, qui ad diem $m + x$ pertineat, habebimus, neglectis differentiis secundam transcendentibus,

$$y = a + xb + xx \cdot \frac{b' - b}{20}$$

Sed quoniam quantitas $b' - b$ nunquam major reperitur 6,3 unitatibus ultimae notae decimalis Tabulae, sequitur, membrum ultimum, quum nunquam, si $x \gtreqless \frac{1}{2}$, decimam talis unitatis partem assequatur, in hoc casu posse negligi. Ex quo commodissima prodit ratio Tabulam adhibendi ad condendam Ephemerida. Si i' erit numerus integer, sive major sive minor Reductione diei $+ i$, sed non ultra $\frac{1}{2}$ distans, numeri, qui Tabula continentur, additis insuper productis bx, ubi $x = Reductioni\ diei + i - i'$, pro diebus valent, qui intervallo i' dierum eos, qui sunt in Tabula, antegrediuntur.

Exemplum I. Quaeruntur apparentes Adscensiones rectae stellae *α Lyrae* pro superioribus Culminationibus Regiomonti inde a die 27. Octob. 1828 usque ad finem anni.

Reductio diei .... + 0,067; .... + 0,067
i ante Decbr. 28 .... + 1 ; postea + 2
Summa .... + 1,067; .... + 2,067
$x = + 0,067$; i' ..... + 1 ; .... + 2

E Tabula pro *α Lyrae* in Sect. IV. invenitur:

			Var. 8 ann.	bx		
Oct. 27	$18^h\,31'\,7'',172$	$+ 0'',854$	$+ 0'',002$	$- 0'',001$	Oct. 26	$18^h\,31'\,8'',027$
Nov. 6	7,166	+ 0,649	+ 0,002	− 0,001	Nov. 5	7,816
16	7,160	+ 0,480	+ 0,002	− 0,001	15	7,641
26	7,154	+ 0,355	+ 0,001	− 0,001	25	7,509
Dec. 6	7,148	+ 0,279	+ 0,001	0,000	Dec. 5	7,428
16	7,142	+ 0,254	+ 0,001	0,000	15	7,397
26	7,136	+ 0,283	0,000	0,000	25	7,419
36	7,130	+ 0,365	0,000	+ 0,001	34	7,496

Exemplum II. Quaeritur, quanta horologii correctio ex sequentibus in specula Regiomontana die 19. Jul. 1826 observatis culminationibus prodeat:

α Tauri .... $4^h\,25'\,33'',93$
α Aurigae 5 3 28,59
β Orionis 5 5 47,44
β Tauri 5 14 55,25
α Orionis 5 45 22,16

Reductio diei est $= - 0,449$, $i = + 2$, Argumentum erit Jul. 20,551, quocum e Tabula invenitur:

				A. R. appar.	Corr.horol.
α Tauri	$4^h\,25'\,57'',730$	$+ 1'',044$	− 0,001	$4^h\,25'\,58'',773$	$+ 24'',84$
α Aurigae ...	5 3 52,298	+ 1,045	− 0,002	5 3 53,341	+ 24,75
β Orionis	5 6 11,541	+ 0,590	− 0,001	5 6 12,130	+ 24,69
β Tauri	5 15 19,050	+ 0,944	− 0,001	5 15 19,993	+ 24,74
α Orionis	5 45 46,158	+ 0,677	− 0,001	5 45 46,834	+ 24,67
		Medium.	$5^h\,7'$ temp. horologici		+ 24,738

Superfluum videtur, similia pro Declinatione afferre exempla.

2. *α Ursae minoris.*

Medium hujus stellae locum pro 1755 secundum *Bradleji* observationes *) hunc esse supposui

*) Fundamenta Astronomiae pro Anno 1755. P. 325 et P. 143.

$$\alpha = 10^\circ\,55'\,44'',955;\quad \delta = 87^\circ\,59'\,41'',12$$

medium vero ejusdem stellae locum pro 1820 secundum observationes in specula Regiomontana institutas hunc

$$\alpha' = 14^\circ\,15'\,22'',575;\quad \delta' = 88^\circ\,20'\,54'',27$$

Primo loco secundum formulas supra datas [13] ad annum 1820 reducto, invenientur

$$\alpha' = 14^\circ\,13'\,54'',703;\quad \delta' = 88^\circ\,20'\,54'',052$$

ex quo proprius motus per 65 annos confectus, ad stellae locum pro anno 1820 relatus reperietur

$$\text{in } AR. = +87'',872;\quad \text{in Decl.} = +0'',218$$

sive annuus

$$\text{in } AR. = +1'',351877;\quad \text{in Decl.} = +0'',0033538$$

His usus sum quantitatibus, ut ope finitarum formularum, quas supra tradidi, media loca pro decimo quoque anno computarem, ex quo interpolando eos, quos Tabula exhibet, inveni valores.

Hujus stellae nunc inde a 15 annis in specula Regiomontana continuae sunt factae observationes. In quibus ab anno 1814 usque ad annum 1819 incl. usus sum Tubo meridiano a *Dollondio* fabricato, ab anno autem 1820 usque ad hodiernum diem Circulo meridiano confecto a *Reichenbachio* et *Ertellio*. Ex quibus observationibus, pro quoque anno separatim reductis, ea loca media accepi, quae hic proferam, additis insuper differentiis, quibus a Tabula distent:

	A. R. med. temp. expr.	Decl. med.	Differentiae Tabulae A. R.	Differentiae Tabulae Decl.
1814	$0^h\,55'\,34'',870$	—	$+0'',66$	—
1815	55 48,972	—	+ 0,68	—
1816	56 3,451	—	+ 0,41	—
1817	56 17,825	—	+ 0,32	—
1818	56 32,282	—	+ 0,23	—
1819	56 46,678	—	+ 0,29	—
1820	57 1,583	$88^\circ\,20'\,54'',43$	− 0,08	$-0'',16$
1821	57 16,110	21 13,52	+ 0,02	+ 0,19
1822	57 31,092	21 33,28	− 0,26	− 0,13
1823	57 46,833	21 52,40	− 1,20	+ 0,18
1824	58 1,632	22 11,85	− 1,12	+ 0,15
1825	58 15,470	22 31,26	+ 0,02	+ 0,16
1826	58 31,248	22 50,64	− 0,70	+ 0,19
1827	58 46,066	23 10,10	− 0,36	+ 0,14
1828	59 2,258	23 29,43	− 1,31	+ 0,21

In hoc observandum esse duco, Adscensiones rectas minus inter se congruere, quam postulare videantur frequentes observationes praeclarissimo ad-

hibito instrumento, diligentissime collocato. Etiam illud notandum, observationes vernales et aestivas semper Adscensiones rectas exhibere 3″ temp. fere majores quam autumnales et hiemales, quod, quum et in vetustiore et in recentiore instrumento locum habeat, minuendam esse Aberrationem indicaret, nisi ex Adscensionum rectarum observationibus, ut jam supra monui, incerta semper esset Aberrationis determinatio.

Tabula pro hac stella comparata plane similis est illi, quam pro 36 illis stellis fundamentalibus explicavi, sed amplitudine est paullo major, quod propter propiorem stellae situm ad polum nonnulla membra, quae a quadratis productisque Aberrationis et Nutationis proficiscuntur, jam alicujus momenti sunt, et quod proposito convenit eas partes Nutationis, quae a duplici Longitudine Lunari dependent, non negligere. Quare Tabula pro summa et medii loci pro initio anni et Nutationis, Argumenta quoque ⊙ + ☊ et ☽ continet, expressa millesimis peripheriae partibus et respondentia iisdem temporis momentis, quibus ceterae columnae Tabulae respondent. Duae insequentes Tabellae perturbationes continent Adscensionis rectae et Declinationis ab his Argumentis dependentes. Caeterum secunda Tabula, nempe illa, qua *annuae* continentur correctiones, non pro stellae loco, qui est initio annorum 1760, 1780, 1800, 1820, 1840, sed pro eo, qui unicuique diei illa contento respondeat, computata est. Quam ob caussam annua variatio primae et tertiae columnae, quae est in ejus secunda et quarta columna, per *integrum* semper annorum numerum inter epocham Tabulae et eum numerum anni, pro quo calculus instituendus, est multiplicanda.

Exemplum. Quaeritur stellae locus pro inferiore Culminatione die 20. Julii 1826 in meridiano Regiomontano.

Dies reductus	1826 Jul. 19,551
i	+ 1,500
Argumentum Tabulae	1826 Jul. 21,051

			⊙ + ☊	☽
Tab. prima suppeditat	$0^h\ 58'\ 45'',21$	$88^\circ\ 22'\ 55'',35$	471	484
— secunda pro 1820	+17,89	− 8,39	522	375
— — Var. pro 6 annis	+ 0,19	− 0,04	993	859
⊙ + ☊ = 993	− 0,03	——		
☽ = 859	+ 0,09	+ 0,07		
Locus apparens	0 59 3,35	88 22 46,99		

3. δ Ursae minoris.

Praeter medium locum pro anno 1755, deductum ex observationibus *Bradlejanis*, nempe

$$\alpha = 282^\circ\ 39'\ 4'',4;\quad \delta = 86^\circ\ 30'\ 51'',5$$

locum pro anno 1824 derivatum ex observationibus Regiomontanis, nempe

$$\alpha' = 277^\circ 15' 41'',61;\quad \delta' = 86^\circ 34' 52'',04$$

Tabulae subesse volui. Locus ultimus reductus ad annum 1755 suppeditat

$$\alpha = 282^\circ 39' 35'',58;\quad \delta = 86^\circ 30' 52'',267$$

unde concluditur, proprium per 69 annorum intervallum motum, ad locum anni 1755 relatum, esse

$$+ 31'',18 \quad \text{et} \quad + 0'',767$$

sive annuum motum proprium

$$+ 0'',451884 \quad \text{et} \quad + 0'',011116.$$

His adhibitis elementis Tabula eodem modo ut pro stella α *Ursae minoris* secundum finitas formulas computata est.

Circa hanc stellam per 9 annos in specula Regiomontana continuae institutae sunt observationes, ex quibus media loca pro annis 1820 usque ad annum 1828 ea accepi, quae hic proferam, additis differentiis, quibus Tabula P. 521 inserta ab illis discrepet.

	A. R. med. temp. expr.	Decl. med.	Differentiae Tabulae A. R.	Differentiae Tabulae Decl.
1820	18h 30′ 18″,981	86° 34′ 41″,65	+ 0″,14	− 0″,03
1821	30 0,007	34 44,34	+ 0,04	− 0,07
1822	29 41,095	34 46,67	− 0,13	+ 0,22
1823	29 22,138	34 49,23	− 0,26	+ 0,24
1824	29 2,938	34 52,04	− 0,19	0,00
1825	28 43,363	34 54,85	+ 0,30	− 0,27
1826	28 24,264	34 57,31	+ 0,29	− 0,23
1827	28 5,674	34 59,12	− 0,25	+ 0,44
1828	27 46,254	35 2,55	+ 0,04	− 0,53

Observationes Adscensionum rectarum hujus stellae minores praebent differentias, quam expectari potuit pro experientia in stella α Ursae minoris facta, quod non modo valet de ipsis Adscensionum rectarum differentiis, verum etiam de productis earum in Cosinum Declinationis. Quum Tabula sit illi, quam pro stella α *Ursae minoris* dedi, plane similis, neque ulla alia re discrepet ab illa, quam correctione, ab Argumento ⊙ + ☊ dependente, quam hic propter exiguum valorem neglleximus, nihil attinet, Tabulam exemplo illustrare.

Tabula XI.

Declinationes stellarum in specula Grenovicensi saepe observatarum.

Stellae, quas dicimus, sunt: *h*, η, μ, ν, γ, ε, ζ Geminorum et γ Draconis, quae jam a *Flamsteedio* frequenter observatae sunt, ut inde Quadran-

tis error collimationis deduci posset. Quem morem jure retinuerunt *Bradlejus* et *Maskelynius*. Quo facilior in his stellis redderetur apparentium Declinationum computatio, medias in hac Tabula dedi Declinationes pro decimo quoque anno ab anno 1750 usque ad annum 1850, earumque annuas variationes, quibus ad initium cujusque anni reduci poterunt. Praeterea logarithmos addidi numerorum constantium, qui in usu Tabulae VIII adhibentur, nempe logarithmos ipsorum a', b', c', d', μ'.

Medias septem illarum Geminorum stellarum Declinationes pro anno 1755 tales esse accepi, quales e *Bradleji* observationibus, pro 1820 vero, quales ex observationibus Regiomontanis *) conclusi:

	1755	1820
	° ′ ″	° ′ ″
h Geminorum	+ 23 15 2,1	+ 23 15 45,01
η — —	22 33 8,0	22 32 55,96
μ — —	22 36 50,2	22 35 45,59
ν — —	20 20 31,3	20 18 58,65
γ — —	16 35 2,8	16 32 35,70
ε — —	25 20 52,1	25 17 57,20
ζ — —	20 54 20,3	20 49 29,82

Praecessiones annuas motumque proprium per 65 annos confectum inveni:

	1755	1820	Mot. propr.
h Geminorum	+ 0″,9422	+ 0″,5969	− 7″,111
η — —	− 0,0078	− 0,3510	− 0,379
μ — —	− 0,7120	− 1,0558	− 7,156
ν — —	− 1,2610	− 1,5975	+ 0,251
γ — —	− 2,0585	− 2,3846	− 2,699
ε — —	− 2,5188	− 2,8654	+ 0,087
ζ — —	− 4,3053	− 4,6335	+ 0,031

unde numeri Tabulae sequuntur.

Mediae Declinationes stellae γ Draconis omnibus observationibus, quae sunt Grenovici ope Sectoris Zenithalis circa hanc stellam factae, nituntur. Ex quibus sequentem inveni expressionem septentrionalis distantiae zenithalis pro tempore $1800 + t$:

$$2' 26'',669 - t \,.\, 0'',71394 + tt \,.\, 0'',001011$$

Hujus expressionis secundus terminus a mutatione Praecessionis originem duxit. Ejusdem expressionis cum observationibus haec est consensio:

*) Astronomische Beobachtungen auf der Königsberger Universitäts-Sternwarte. VIII. Abtheilung. P. V.

	Dist. a V. observ.	Numer. observ.	Error formulae
1750	3′ 4″,91	12,0	− 0″,02
1751	3,81	7,9	+ 0,27
1751	4,35	8,9	− 0,27
1752	4,01	8,9	− 0,74
1753	3,14	7,5	− 0,68
1754	0,08	6,0	+ 1,57
1768	2 50,36	21,0	+ 0,19
1777	43,78	18,8	− 0,16
1785	38,79	4,0	− 1,18
1800	26,72	24,5	− 0,05
1801	26,10	18,2	− 0,14
1802	24,72	18,5	+ 0,53
1802	24,37	30,0	+ 0,88
1805	22,20	37,9	+ 0,93
1809	19,85	26,7	+ 0,48
1810	18,96	19,0	+ 0,67
1811	19,46	27,8	− 0,52
1811	19,98	21,0	− 1,04
1812	18,94	56,8	− 0,69

Ut ex hujus stellae distantiis zenithalibus eae Declinationes derivarentur, quae Tabula contineantur, altitudinem poli Grenovicensem esse posui = 51° 28′ 39″,6, non, quod hanc determinationem *Pondianae* anteponam, sed quod ope ejusdem facta est Quadrantis, qui easdem quoque observationes suppeditavit, quae positis in XI Tabula Declinationibus sunt reducendae.

Non necessarium est, exemplo illustrare, quomodo possint ope Tabularum XI et VIII apparentes Declinationes illarum 8 in priore Tabula contentarum stellarum inveniri, quum explicatio 8vae Tabulae ad hoc sufficere videatur. Contra utendum puto hac opportunitate, ut exponam, quomodo mea quidem sententia ad calculum vocandae sint Grenovicenses ope Quadrantis muralis institutae observationes, si dubitationes illas evitare velis, quas affert instrumenti mutatio, a longo profecta usu, sed demum versus annum 1810 animadversa.

Si distantiam zenithalem, quae Quadrante murali observata sit, addita Refractione, significaverimus per z, Declinationem stellae observatae per δ, jam $z + \delta$ poli altitudinem exprimeret, modo Quadrans neque collimationis vitio, neque aliis affectus esset vitiis. Si ea, quae sunt distantiae zenithali addenda, ut ab his vitiis liberetur, notaverimus per $c(z)$, poli altitudinem habebimus hanc

$$\varphi = z + \delta + c(z)$$

Si functionis $c(z)$ hanc esse formam $c + c' \operatorname{Cos} z + c'' \operatorname{Sin} z$ supposuerimus, quae vel vitio collimationis in puncto verticali, vel cuidam excentricitati, vel effectui gravitatis in partes instrumenti respondeat, eamque formulam si ponendo $\varphi - \delta$ pro z mutaverimus in hanc

$$c + a \operatorname{Cos} \delta + b \operatorname{Sin} \delta$$

observatio cujusque stellae, cujus Declinatio ponitur cognita, aequationem affert

$$\varphi - c - a \operatorname{Cos} \delta - b \operatorname{Sin} \delta = z + \delta$$

sive

$$\varphi - c - a + 2a \operatorname{Sin} \tfrac{1}{2}\delta^2 - b \operatorname{Sin} \delta = z + \delta$$

quam nunc signabo per

$$\varphi' + \alpha \operatorname{Sin} \delta + \beta \operatorname{Sin} \tfrac{1}{2}\delta^2 = z + \delta.$$

Jam solutio problematis, inveniendi Declinationem ignotam D ex distantia zenithali Z, Quadrante observata atque a Refractione liberata, manifesto in hoc versatur, ut quantitates φ', α, β ex observationibus stellarum, quarum Declinationes *cognitae* sint, determinentur, sive ut ex expressione

$$D = \varphi' + \alpha \operatorname{Sin} D + \beta \operatorname{Sin} \tfrac{1}{2} D^2 - Z$$

eliminentur.

Omnes hujus problematis tres incognitae ponendae sunt variabiles et ab interioribus, anno 1810 animadversis mutationibus Quadrantis dependentes. Quarum prima, quae errorem collimationis continet, etiam a mutationibus retis filorum, subitisque aliis instrumenti perturbationibus, e. g. a quadam fortuita offensione dependet. Ita quantitates α et β cum ipso tempore continuo procedere, quantitatem vero φ' subitis obnoxiam esse mutationibus, statuere licet.

Huic rei conditioni haec ratio in Quadrantis cognitionem inquirendi maxime adaptata esse videtur. Postquam omnes observatae a Vertice distantiae stellarum 36 fundamentalium, nec non 7 stellarum Geminorum atque γ Draconis Refractione atque Declinatione apparenti auctae sunt, ita ut quaevis earum valorem quantitatis $\varphi' + \alpha \operatorname{Sin} \delta + \beta \operatorname{Sin} \frac{1}{2}\delta^2$ suppeditet, ante omnia in tempora inquirendum est, ubi linea collimationis subitas mutationes experiebatur. Haec tempora limites erunt *Periodorum*, intra et extra quas una incognitarum φ' tamquam aequalis spectari non licet; sed si observationes in quaque harum periodorum (secundum methodum minimorum quadratorum) ita combinantur, ut φ' eliminetur, duae aequationes pro incognitis α et β nobis offeruntur, quarum forma

$$a\alpha + b\beta = d; \quad b\alpha + c\beta = e$$

erit. Si jam omnes hujusmodi aequationes, ex observationibus certi intervalli temporis e. g. quinquennii collectae, in duas summas

$$(a + a' + a'' + \ldots\ldots)\,\alpha + (b + b' + b'' + \ldots\ldots)\,\beta = d + d' + d'' + \ldots\ldots$$

$$(b + b' + b'' + \ldots\ldots)\,\alpha + (c + c' + c'' + \ldots\ldots)\,\beta = e + e' + e'' + \ldots\ldots$$

conjunguntur, earum solutio suppeditabit valores incognitarum α et β pro tempore medio hujus intervalli; tandem substituendo valores ipsorum α et β, φ' definietur pro quavis periodo.

Jam perspicuum est, Declinationem aliquam D, reductam adhibitis valoribus ipsorum φ', α, β hoc modo inventis, liberam a Quadrantis erroribus considerari posse et niti solis determinationibus fundamentalibus, quas toti huic operi subesse scimus. Pro sideribus, quae sunt in vicinia Aequatoris, ut pro Sole, pro planetis, pro Luna, quantitas β, quippe quae multiplicata sit in $\text{Sin}\,\frac{1}{2}\delta^2$, exiguum in aequalibus et septentrionalibus et australibus Declinationibus aequalem habet effectum, qui cum quadam approximatione idem erit, quem habet β in medium ex iis stellis fundamentalibus, quae non longe distant ab Aequatore, et in medium ex illis septem Geminorum stellis. Quare quantitas illa forsitan plane omitti poterit. Sed rem accurate dijudicandam debemus illi relinquere, qui ipse in hoc pertractando elaborare velit: optima rei tractandae ratio tum poterit eligi, quum omnes cujusque quinquennii observationes, quae huic investigationi inservire possint, licebit in uno conspectu videre. — Non dubito, quin talis Grenovicensium observationum investigatio, quum hoc fundamento reductio longae *Maskelyniarum* observationum seriei nitatur, utilissimum opus sit, quod quis suscipere possit ad augendam systematis Solaris cognitionem. Certe reductio, quam supra optandam putavi observationum corporum systematis Solaris inde ab anno 1750 institutarum, maxima ex parte ab illo, quem indicavi, pendet labore.

Tabula XII.

Reductio observationum Solis.

Haec Tabula, quae pro veris anni ficti 1800 meridiebus computata est, cujus Argumentum ergo quoque *Dies reductus* est, continet:

1) Moram transitus disci Solaris, tempore sidereo expressam ejusque variationem saecularem;
2) Logarithmum Factoris (F), quocum filorum Tubi meridiani intervalla tempore expressa sunt multiplicanda, ut tempus inveniatur sidereum, quod Sol in his intervallis conficiendis consumat;
3) naturalem Tangentem et Secantem Declinationis Solaris, quae reductioni transitus per medium filum ad meridianum secundum usitatam formulam
$$m + n \text{ Tang}\,\delta + c \text{ Sec}\,\delta$$
inserviant;
4) quantitatem a et logarithmum b, quibus adhibitis distantia sive zenithalis sive polaris ad horizontale filum instrumenti collocati in meridiano observata tempore t, minutis secundis expresso, ante culminationem positive sumpto secundum formulam
$$\frac{a\,t}{100} + b\,.\,tt$$
reducatur;
5) Radium disci Solaris, ejusque variationem saecularem;
6) Columnam vacuam, in qua inscribi poterit pro unaquaque specula Parallaxis altitudinis.

Tabula secundum formulas

$$F = \frac{\text{Sec}\,\delta}{1-\lambda}$$

$$\text{Radius disci } R' = \frac{R}{r}$$

$$\text{Mora transitus} = \frac{2}{15} R'.F$$

$$b = \left(\frac{15}{2}\right)^2 \text{Sin}\,1''(1-\lambda)^2\,\text{Sin}\,2\delta$$

computata est, in quibus $1-\lambda$ unum minutum secundum temporis siderei, minuto secundo temporis veri expressum, significat et

$$\lambda = \frac{\text{Cos}\,\omega\,\sqrt{(1-ee)}}{rr\,\text{Cos}\,\delta^2(T+1)}$$

ubi R, r, ω, T significant medium radium disci Solaris, distantiam Solis a terra, Obliquitatem Ecliptices et annum tropicum diebus expressum. Numeri, qui in Tabula sub nota a reperiuntur, exprimunt variationem Declinationis per 100″ temporis siderei. Variationem saecularem logarithmi ipsius F (per dimidium saeculum non ultra duas unitates ultimae notae decimalis ascendentem) Tabulae adjungere supervacaneum duxi.

Elementa elliptica orbitae terrestris in hac Tabula adhibita eadem sunt, quae Tabulis Solaribus subsint meis. Radium disci medium R tantum supposui, quantum mihi suppeditarunt morae transitus ab anno 1820 usque ad annum 1828 incl. observatae a me ope Circuli meridiani a *Reichenbachio* et *Ertellio* confecti. Has observationes ita ad calculos vocavi, ut ea tantum fila instrumenti adhiberentur, ad quae uterque limbus in eadem culminatione esset observatus. Medium transituum 1698 inveni

$$R = 16'\,0'',90,$$

quo cum numero singuli anni ita consentiunt:

	Observatio	Differentia
1820	16′ 1″,31	+ 0″,41
1821	1,08	+ 0,18
1822	0,87	− 0,03
1823	0,66	− 0,24
1824	0,91	+ 0,01
1825	1,18	+ 0,28
1826	0,76	− 0,14
1827	0,74	− 0,16
1828	0,58	− 0,32

Hic valor radii disci Solaris exacte idem est, quem Cl. *Struvius*, simili usus instrumento eademque adhibita methodo, invenit *). Is valor 0″,35 major est illo, quem ex *Maskelynii* observationibus conclusit Ill. *de Lindenau* **).

*) *Schumacher*, Astronomische Nachrichten. Nr. 59.
**) *von Zach*, Monatliche Correspondenz. Vol. XXI. P. 481.

Constat, transitus inferiorum planetarum per discum Solis nec non defectus Solis duabus tribusve minutis secundis minorem suppeditare radium, sed differentia, quae caussae opticae nominatim diffractioni Luminis tribuitur, vereor, ut eadem sit pro omnibus Tubis.

Ultima Tabulae columna vacua, quae Parallaxin altitudinis Solis culminantis debet continere, secundum formulam

$$\frac{8'',5776}{r} \varrho \operatorname{Sin}(\varphi'-\delta)$$

explenda est, in qua $\varrho \operatorname{Sin}\varphi'$ et $\varrho \operatorname{Cos}\varphi'$ distantias significant loci observationis ab aequatore et ab axi terrestri, et media Parallaxis horizontalis Solis tanta est assumpta, quantam e transitibus Veneris annis 1761 et 1769 Cel. *Enckius* determinavit. Quae formula si formam induerit:

$$a \,.\, A + b \,.\, B$$

ubi

$$A = \varrho \operatorname{Sin}\varphi', \quad B = \varrho \operatorname{Cos}\varphi'$$

sive expressa per altitudinem poli φ

$$A = \frac{(1-\varepsilon\varepsilon)\operatorname{Sin}\varphi}{\sqrt{(1-\varepsilon\varepsilon\operatorname{Sin}\varphi^2)}}; \quad B = \frac{\operatorname{Cos}\varphi}{\sqrt{(1-\varepsilon\varepsilon\operatorname{Sin}\varphi^2)}}$$

erit

$$a = \frac{8'',5776}{r}\operatorname{Cos}\delta; \quad b = -\frac{8'',5776}{r}\operatorname{Sin}\delta$$

Harum quantitatum logarithmos pro quoque die octavo anni ficti hic apponam, quo facillima erit repletio columnae vacuae, data poli altitudine.

		Log a	Log b			Log a	Log b
Jan.	0	0,9045	0,5341	Jul.	3	0,8902	0,5177n
	8	0,9071	0,5185		11	0,8930	0,5022n
	16	0,9108	0,4929		19	0,8970	0,4781n
	24	0,9153	0,4563		27	0,9019	0,4444n
Febr.	1	0,9200	0,4067	Aug.	4	0,9073	0,3994n
	9	0,9247	0,3408		12	0,9129	0,3402n
	17	0,9288	0,2531		20	0,9182	0,2620n
	25	0,9320	0,1327		28	0,9231	0,1560n
Mart.	5	0,9342	9,9544	Sept.	5	0,9271	0,0033n
	13	0,9350	9,6331		13	0,9302	9,7490n
	21	0,9346	8,6545n		21	0,9320	9,0009n
	29	0,9328	9,7116n		29	0,9327	9,5643
Apr.	6	0,9298	9,9870n	Oct.	7	0,9320	9,9196
	14	0,9257	0,1473n		15	0,9302	0,1084
	22	0,9207	0,2571n		23	0,9273	0,2344
	30	0,9151	0,3374n		31	0,9235	0,3258
Maj.	8	0,9093	0,3980n	Nov.	8	0,9192	0,3946
	16	0,9035	0,4438n		16	0,9148	0,4468
	24	0,8983	0,4779n		24	0,9105	0,4858
Jun.	1	0,8940	0,5022n	Dec.	2	0,9070	0,5135
	9	0,8908	0,5178n		10	0,9044	0,5313
	17	0,8891	0,5254n		18	0,9032	0,5398
	25	0,8889	0,5254n		26	0,9035	0,5393
Jul.	3	0,8902	0,5177n		34	0,9052	0,5298

Tabula XIII.

Reductio observationum Lunae.

Quoniam Adscensio recta Lunae non immediate e transitu centri Lunaris per meridianum sed e temporibus appulsuum unius alteriusve limbi ad fila Tubi meridiani observatur, primum quaeram Adscensionem rectam α centri, quae uni horum momentorum, nempe tempori sidereo μ, partibus arcus expresso, respondeat. Data supponuntur: Declinatio δ, radius disci geocentricus h, Parallaxis horizontalis aequatorialis π, Latitudo geocentrica loci observationis φ' ejusque distantia a centro terrestri ϱ. Instrumenti porro collocatio vitiumque collimationis cognita supponuntur, nempe angulus horarius atque distantia polaris poli orientalis axis rotatorii instrumenti atque distantia circuli a medio filo in sphaera coelesti descripti ab hoc puncto. Has quantitates, ut fit in usitata formula pro reductione transituum observatorum ad meridianum, nempe

$$m + n \text{ Tang}\,\delta + c \text{ Sec}\,\delta$$

signabo per $\quad -90° - m,\quad 90° + n,\quad 90° - c.$

Si appulsus observatus est ad filum, cujus distantia a medio filo sit f, positive sumpta, si transitus per illud prius, negative, si serius, quam per medium filum evenerit, observata distantia limbi Lunaris ab orientali axis polo erit $= 90° - c - f$, centrique $= 90° - c - f \mp h'$, ubi h' apparentem significat radium, superiusque signum pro praecedente, inferius autem pro sequenti limbo valet. Haec distantia latus erit trianguli sphaerici, cujus duo reliqua latera, et distantia poli axis instrumenti et distantia Lunae a polo coelesti $90° + n$, $90° - \delta'$, angulum comprehendunt $90° + m + \mu - \alpha'$, ubi α' et δ' significant apparentem Lunae Adscensionem rectam et Declinationem. Igitur habemus

$$\begin{aligned} \text{Sin}\,(c+f\pm h') &= -\text{Sin}\,n\ \text{Sin}\,\delta' - \text{Cos}\,n\ \text{Cos}\,\delta'\ \text{Sin}\,(m+\mu-\alpha') \\ &= -\text{Sin}\,n\ .\ \text{Sin}\,\delta' \\ &\quad -\text{Cos}\,n\ \text{Sin}\,m\ .\ \text{Cos}\,\delta'\ \text{Cos}\,(\mu-\alpha') \\ &\quad -\text{Cos}\,n\ \text{Cos}\,m\ .\ \text{Cos}\,\delta'\ \text{Sin}\,(\mu-\alpha') \end{aligned}$$

Haec aequatio quum fuerit multiplicata per distantiam Lunae ab observatore $= \Delta$, quantitates, quae ab apparente Lunae loco dependent, per locum geocentricum poterunt exprimi, quod fit per usitatas formulas:

$$\begin{aligned} \Delta\,\text{Cos}\,\delta'\ \text{Cos}(\mu-\alpha') &= \text{Cos}\,\delta\ \text{Cos}(\mu-\alpha) - \varrho\ \text{Sin}\,\pi\ \text{Cos}\,\varphi' \\ \Delta\,\text{Cos}\,\delta'\ \text{Sin}\,(\mu-\alpha') &= \text{Cos}\,\delta\ \text{Sin}\,(\mu-\alpha) \\ \Delta\ \text{Sin}\,\delta' &= \text{Sin}\,\delta - \varrho\,\text{Sin}\,\pi\ \text{Sin}\,\varphi' \\ \Delta\ \text{Sin}\,h' &= \text{Sin}\,h \\ \Delta\ \text{Cos}\,h' &= \sqrt{\{\text{Cos}\,h^2 - 2\varrho\,\text{Sin}\,\pi[\text{Sin}\,\delta\,\text{Sin}\,\varphi + \text{Cos}\,\delta\,\text{Cos}\,\varphi\,\text{Cos}(\mu-\alpha)]} \\ &\qquad + \varrho\varrho\ \text{Sin}\,\pi^2\,\} \end{aligned}$$

Ex quo apparet, si problematis solutio summo rigore quaeratur, inventionem ipsius α a solutione aequationis quarti gradus pendere. Sed quoniam

quantitates $c+f\pm h'$, n, m, $\mu-\alpha$ tam exiguae semper sunt, ut Sinus earum cum arcubus, Cosinus verò cum unitate commutari possint, habebimus:

$$\triangle(c+f\pm h') = -n\triangle \operatorname{Sin}\delta' - m\triangle \operatorname{Cos}\delta' - (\mu-\alpha)\operatorname{Cos}\delta$$

sive

$$\alpha = \mu \pm \frac{h}{\operatorname{Cos}\delta} + \frac{f\triangle}{\operatorname{Cos}\delta} + \frac{\triangle \operatorname{Cos}\delta'}{\operatorname{Cos}\delta}\,(m + n \operatorname{Tang}\delta' + c \operatorname{Sec}\delta')\,.$$

Quam formulam si volumus totam per veram exprimere Declinationem, ponere possumus

$$\triangle = 1 - \varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi'-\delta)$$

neque verendum est, ne per hoc quantitàs $f\triangle$ pro $f = 20'$ (haec enim maxima est in usitatis Tubis meridianis distàntia, qua fila lateralia a medio filo distent) in majus vitium, quam $0'',2$ arcualium incurrat, idque vitium e medio diversorum filorum circa medium filum symmetrice collocatorum evanescere, neminem fugit. Majore etiam jure ponere licet

$$\triangle \operatorname{Cos}\delta' = \operatorname{Cos}\delta - \varrho \operatorname{Sin}\pi \operatorname{Cos}\varphi'$$

quo efficitur, ut sit

$$\alpha = \mu \pm \frac{h}{\operatorname{Cos}\delta} + f\,\frac{1-\varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi'-\delta)}{\operatorname{Cos}\delta}$$
$$+ m' + n' \operatorname{Tang}\delta + c' \operatorname{Sec}\delta$$

ubi

$$m' = m - c \operatorname{Cos}\varphi' \,.\, \varrho \operatorname{Sin}\pi$$
$$n' = n - c \operatorname{Sin}\varphi' \,.\, \varrho \operatorname{Sin}\pi$$
$$c' = c - (m \operatorname{Cos}\varphi' + n \operatorname{Sin}\varphi')\,\varrho \operatorname{Sin}\pi$$

Ultimum terminum si quis velit apparente Declinatione expressum retinere, quod commodius erit, si haec in indice instrumenti lecta fuerit, id quod semper cum certitudine paucorum minutorum primorum hic sufficiente fieri potest, erit

$$\alpha = \mu \pm \frac{h}{\operatorname{Cos}\delta} + f\,\frac{1-\varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi'-\delta)}{\operatorname{Cos}\delta}$$
$$+ \left(1 - \varrho \operatorname{Sin}\pi\,\frac{\operatorname{Cos}\varphi'}{\operatorname{Cos}\delta'}\right)(m + n \operatorname{Tang}\delta' + c \operatorname{Sec}\delta').$$

Vulgo tempus culminationis derivabitur e temporibus transituum per fila, sive quaeretur filorum *reductio ad meridianum.* Quo in casu tempori observato tempus, quo Luna angulum horarium $\mu-\alpha$ lustrat, addendum est, sive angulus ille horarius, divisus per $1-\lambda$, ubi λ variationem Adscensionis rectae tempore expressae per minutum secundum temporis siderei significat. Habebimus igitur reductionem ad meridianum, quantitate

$$\frac{1-\varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi'-\delta)}{(1-\lambda)\operatorname{Cos}\delta}$$

notata per F,

$$= \pm \frac{h}{(1-\lambda)\operatorname{Cos}\delta} + fF + \frac{m' + n' \operatorname{Tang}\delta + c' \operatorname{Sec}\delta}{1-\lambda}$$

sive

$$= \pm \frac{h}{(1-\lambda)\operatorname{Cos}\delta} + fF + \frac{1-\varrho \operatorname{Sin}\pi \operatorname{Cos}\varphi' \operatorname{Sec}\delta'}{1-\lambda}(m + n \operatorname{Tang}\delta' + c \operatorname{Sec}\delta')$$

Primus terminus est negligendus, si non pro centro, sed pro observato limbo habere velis tempus Culminationis. Omisso divisore $1-\lambda$, qui est in

ultimo membro, tempus Culminationis hoc modo inventum Adscensionem rectam non pro ipso Culminationis momento sed pro momento transitus per medium filum suppeditat. Tum igitur, ut reductio fiat ad meridianum, expressio

$$fF + \left(1 - \varrho \operatorname{Sin}\pi \frac{\operatorname{Cos}\varphi'}{\operatorname{Cos}\delta'}\right)(m + n \operatorname{Tang}\delta' + c \operatorname{Sec}\delta')$$

est adhibenda, in qua ultimus terminus tantum in hoc discrepat a reductione pro stellis fixis adhibenda, quod in fractionem multiplicatus est, cujus minimus valor $\frac{1}{50}$, pro speculis Europaeis $\frac{1}{70}$ ab unitate diversus esse potest. Quam ob caussam fractio, quum m, n, c vulgo exiguum habent valorem, cum unitate poterit commutari.

Ut facilius reddatur calculus factoris F, in Tabula XIII logarithmum protuli quantitatis $1 - \varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi' - \delta)$ sub nota $l.A$ cum Argumento $\operatorname{Log}(\varrho \operatorname{Sin}\pi \operatorname{Cos}(\varphi' - \delta))$, complementumque logarithmi ipsius $1 - \lambda$ notatum per $l.B$, cujus Argumentum, nempe variatio Adscensionis rectae 12 horis medii temporis et minutis primis arcualibus expressum est. Quem motum pro duodecim horis quum Ephemerides inde a meridie usque ad mediam noctem, et a media nocte usque ad succedentem meridiem suppeditent, momentaneus motus pro tempore observationis interpolando derivari poterit *). Quodsi hic intervallum 12 horarum pro temporis unitate assumamus, id quod commodissimum erit, motusque ad hanc unitatem relatus significetur per $\Delta\alpha$, habebimus

$$\lambda = \frac{\Delta\alpha}{15.721{,}971} = \frac{\Delta\alpha}{10830}$$

ergo quantitas B, cujus logarithmus Tabula continetur, erit

$$\frac{10830}{10830 - \Delta\alpha}$$

Ope hujus Tabulae habebimus

$$\operatorname{Log}F = \operatorname{Log}A + \operatorname{Log}B + \operatorname{Log.Sec}\delta.$$

Caeterum factoris F computatio superflua est, si Luna ad omnia fila instrumenti observata, tempus transitus per medium filum, ex omnibus omnium filorum transitibus collectum sciscitemur. Illud enim tempus habebitur, si medio arithmetico, quod ex omnibus temporibus observatis collectum sit, correctio addatur, quae ab inaequalitate distantiarum filorum oriatur. Ea semper cognita erit exiguaque est pars temporis, quod Luna consumit transeundo ab uno extremo filo ad alterum extremum.

Quaeratur Declinatio pro eodem tempore, pro quo jam determinata sit Adscensio recta. Si unus alterve limbus Lunae ad filum, quod sit instrumenti axi parallelum, tempore sidereo μ observatus erit, Declinationemque esse δ', instrumentum indicaverit, duo sunt ad inveniendum δ sphaerica triangula consideranda, quorum alterum aPl polum axis, polum mundi et centrum Lunae connectat, alterum lal' centrum Lunae, polum axis et punctum illud limbi Lunae, quod filum tangat, vicissim conjungat. In primo triangulo angulus P erit $= 90° + m + \mu - \alpha$, latus $Pa = 90° + n$, latus vero $Pl = 90° - \delta'$;

*) *Schumacher*, Astronomische Nachrichten. Nr. 33.

in altero triangulo angulus $l' = 90°$, latus $ll' = h'$. Observato limbo septentrionali, quantitas $90° - \delta$, differentia erit angulorum in puncto a sitorum utriusque trianguli, observato australi, quantitas illa summa erit; latus al utrique triangulo commune est. Quoniam pro primo triangulo habemus

$$\text{Sin}\,al\,.\,\text{Cos}\,(\delta_{,} \mp lal') = \text{Cos}\,\delta'\,\text{Cos}\,(m+\mu-\alpha')$$

$$\text{Sin}\,al\,.\,\text{Sin}\,(\delta_{,} \mp lal') = \text{Sin}\,\delta'\,\text{Cos}\,n - \text{Cos}\,\delta'\,\text{Sin}\,n\,\text{Sin}\,(m+\mu-\alpha')$$

pro secundo

$$\text{Sin}\,al\,.\,\text{Sin}\,lal' = \text{Sin}\,h',$$

inde derivabimus, eliminando ipsa al et lal'

$$\begin{aligned} \pm\,\text{Sin}\,h' = &\ \text{Cos}\,\delta'\,\text{Cos}\,(m+\mu-\alpha')\,.\,\text{Sin}\,\delta_{,} \\ &+ \text{Cos}\,\delta'\,\text{Sin}\,(m+\mu-\alpha')\,.\,\text{Cos}\,\delta_{,}\,\text{Sin}\,n \\ &- \text{Sin}\,\delta'\,.\,\text{Cos}\,\delta_{,}\,\text{Cos}\,n \end{aligned}$$

Quae aequatio si multiplicata fuerit per Δ, et quantitates α', δ', h' expressae fuerint per data geocentrica, invenietur:

$$\begin{aligned} \pm\,\text{Sin}\,h = &\ \text{Cos}\,\delta\,\{\text{Sin}\,\delta_{,}\,\text{Cos}\,(m+\mu-\alpha) + \text{Cos}\,\delta_{,}\,\text{Sin}\,(m+\mu-\alpha)\,\text{Sin}\,n\} \\ &- \text{Sin}\,\delta\,\text{Cos}\,\delta_{,}\,\text{Cos}\,n \\ &- \varrho\,\text{Sin}\,\pi\,\{\text{Cos}\,\varphi'\,[\text{Sin}\,\delta_{,}\,\text{Cos}\,m + \text{Cos}\,\delta_{,}\,\text{Sin}\,m\,\text{Sin}\,n] - \text{Sin}\,\varphi'\,\text{Cos}\,\delta_{,}\,\text{Cos}\,n\} \end{aligned}$$

unde δ omni rigore definitur. Sed quoniam quantitates $\text{Sin}\,(m+\mu-\alpha)\,\text{Sin}\,n$, $\text{Sin}\,m\,\text{Sin}\,n$ semper negligi possunt, $\text{Cos}\,m$ vero et $\text{Cos}\,n$ ponere licet $= 1$, habebitur:

$$\pm\,\text{Sin}\,h - \varrho\,\text{Sin}\,\pi\,\text{Sin}\,(\varphi'-\delta_{,}) = \text{Sin}\,(\delta_{,}-\delta) - \text{Cos}\,\delta\,\text{Sin}\,\delta_{,}\,(1-\text{Cos}\,(m+\mu-\alpha)).$$

Si μ' designabit tempus centri Lunae culminantis, erit

$$\mu - \alpha = (\mu - \mu')\,(1 - \lambda);$$

sed quia in quantitate $1 - \text{Cos}\,(m+\mu-\alpha)$ ipsum m poterit negligi, quum effectus ipsius tantum ordinis est $m\,\text{Sin}\,(\mu-\alpha)$, invenietur:

$$\begin{aligned} \text{Sin}\,(\delta-\delta_{,}) = &\ \varrho\,\text{Sin}\,\pi\,\text{Sin}\,(\varphi'-\delta_{,}) \mp \text{Sin}\,h \\ &- \text{Cos}\,\delta\,\text{Sin}\,\delta_{,}\,(1-\lambda)^2\,(\mu-\mu')^2\,\text{Sin}\,\tfrac{1}{2}''. \end{aligned}$$

Inde haec instituendi calculi norma, quae ad veritatem satis accedit, facile derivatur, ubi $\mu - \mu'$ expressum est minutis secundis temporis:

$$\text{Sin}\,p = \varrho\,\text{Sin}\,\pi\,\text{Sin}\,(\varphi'-\delta_{,})$$

$$\begin{aligned} \delta = &\ \delta_{,} + p \mp h \mp \left(\frac{p \mp h}{2}\right) \text{Sin}\,p\,\text{Sin}\,h \\ &- \tfrac{225''}{4}\,\text{Sin}\,1''\,.\,\text{Sin}\,2\delta_{,}\,(1-\lambda)^2\,(\mu-\mu')^2 \end{aligned}$$

Declinatio ita inventa ad temporis momentum μ'' reducitur, pro quo jam determinata est Adscensio recta, addendo variationem per temporis intervallum $\mu'' - \mu$. Ergo si momentanea Declinationis variatio, ad temporis unitatem duodecim horarum relata, minutisque primis expressa, significatur per $\Delta\delta$ poniturque

$$\lambda' = \frac{\Delta\delta}{721{,}971}$$

quaesita Declinatio erit $= \delta + (\mu'' - \mu)\,\lambda'$. Quantitas λ' invenitur in Tabula XIII.

Exemplum. Quaeritur Lunae et Adscensio recta et Declinatio, quae prodeant ex observatione Regiomontana in meridiano facta die 13. Jun. 1821.

1. Appulsus praecedentis limbi ad quinque fila instrumenti meridiani observati sunt:

$49' 2'',8$ | $49' 19'',8$ | $15^h 49' 36'',7$ | $49' 53'',2$ | $50' 9'',8$.

Per distantias filorum a medio filo, in Aequatore

$29'',4225$; $14'',6386$; $14'',3144$; $28'',7773$

notum est, medio arithmetico ex omnibus ad quinque fila observatis appulsibus intervallum temporis duorum extremorum filorum multiplicatum per 0,00333 addendum esse, quod pro hoc exemplo tempus transitus per medium filum suppeditat

$$= 15^h 49' 36'',46 + 67'',0 . 0,00333 = 15^h 49' 36'',683$$

Quodsi scire avemus, quid unumquodque suppeditet filum, e Tabula XIII quaerendus est factor F. Ex ephemeridibus Gallicis invenietur pro vero tempore Parisino $= 9^h 10'$, quod proxime accedit ad tempus observationis:

$$\Delta\alpha = 6^\circ 39',0$$
$$\delta = -25^\circ 14',7$$
$$\pi = 55' 7'',0$$

Compressione sphaeroidis terrestris posita $= 0,00324$, pro Regiomonto erit

$$\text{Log}\,\varrho = 9,9990640, \quad \varphi' = 54^\circ 32' 18'',4$$

unde invenitur $\text{Log}\,\{\varrho \,\text{Sin}\,\pi \,\text{Cos}\,(\varphi' - \delta)\} = 7,45293$.

Atqui Tabula XIII suppeditat:

$$l.A = 9,99876$$
$$l.B = 0,01630$$
$$l.\text{Sec}\,\delta = 0,04359$$
$$l.F = 0,05865$$

cujus ope reductio singulorum filorum ad filum medium obtinetur:

Log. f	$f.F$	Temp. transit.
1,46868	+ 33'',677	15h 49' 36'',477
1,16549	+ 16,755	36,555
		36,700
1,15577n	− 16,384	36,816
1,45905n	− 32,938	36,862
Medium		15 49 36,682

ubi exigua differentia 0'',001 ex eo oritur, quod in priore calculo intervallum temporis extremorum filorum 0'',38 majus sumptum est, quam fuisset pro distantia filorum.

Instrumenti deflexiones a meridiano quum essent

$$m = +0'',03; \quad n = -0'',297; \quad c = -0'',017$$

invenietur cum $\delta' = -26^\circ 9'$

$$\left\{1 - \varrho \,\text{Sin}\,\pi \frac{\text{Cos}\,\varphi'}{\text{Cos}\,\delta'}\right\} (m + n \,\text{Tang}\,\delta' + c \,\text{Sec}\,\delta') = +0'',155$$

sive tempus transitus ad meridianum reductum erit

$$15^h 49' 36'',837.$$

Eodem die status horologii observabatur per 5 stellas fundamentales:

	in filo medio	Reduct.	A. R. appar.	Corr. horol.
	h ′ ″	″	h ′ ″	″
β *Virginis*	11 41 21,97	+ 0,002	11 41 24,071	+ 2,099
α *Bootis*	14 7 30,59	− 0,097	14 7 32,585	+ 2,092
1α *Librae*	14 40 48,92	+ 0,093	14 40 50,943	+ 1,930
α *Coronae*	15 27 7,86	− 0,143	15 27 9,564	+ 1,847
α *Scorpii*	16 18 28,30	+ 0,156	16 18 30,254	+ 1,798
	Medium $14^h 27'$			+ 1,953

quod cum diurna horologii correctionis variatione $-0'',46$ ad tempus observationis Lunae reductum suppeditat

$$15^h\,49'\,36'',837 + 1'',927 = 15^h\,49'\,38'',764$$

ergo Adscensionem rectam praecedentis limbi Lunae

$$= 237°\,24'\,41'',46$$

quae determinatio ad tempus transitus per medium filum $= 15^h\,49'\,38'',61$ temporis sideralis $= 10^h\,22'\,17'',29$ vero temporis medii solaris pertinet. Radius Lunae, qui pertinet ad parallaxin $55'\,7'',0$, est $= 15'\,1'',10$, quod multiplicatum per $\text{Sec}\,\delta$ subministrat $16'\,36'',23$, et Adscensionem rectam centri quaesitam:

$$\alpha = 237°\,41'\,17'',7.$$

2. Septentrionalis Lunae limbus tempore horologii $15^h\,50'\,55''$ observabatur per instrumenti Circulum, qui indicaverat $277°\,55'\,42'',1$; correctio propter instrumenti flexionem et vitia divisionis est $= -1'',21$, propter Refractionem vero $-5'\,40'',72$; locus Aequatoris in Circulo instrumenti erat $303°\,44'\,4'',35$. Unde sequitur

$$\delta_{,} = -25°\,54'\,4'',18.$$

E numeris supra datis sequitur

$$p = 54'\,14'',05$$

$$p-h = 39'\,12'',95$$

$$-\frac{p-h}{2}\,\text{Sin}\,p\,\text{Sin}\,h = -0'',03$$

et membrum a $\mu-\mu' = +11'',8$ dependens $= +0'',03$. Ex quo colligitur esse

$$\delta = -25°\,14'\,51'',28.$$

Quoniam determinatio haec valet pro $15^h\,50'\,55''$ temporis horologici, Adscensionis vero determinatio pro $15^h\,49'\,36'',68$ ejusdem temporis, variatio Declinationis per $-1'\,18'',32$ est addenda. Ex ephemeridibus laudatis sequitur $\Delta\delta = -1°\,22',94$, quocum Tab. XIII suppeditat $\lambda' = -0'',1149$. Cum hoc $(\mu''-\mu)\,\lambda'$ erit $= +9'',00$, et postremo quaesitus Lunae locus

1821 Jun. 13. $10^h\,22'\,17'',29$ temp. med.

A.R $= 237°\,41'\,17'',7$; Decl. $= -25°\,14'\,42'',3$

Formulas etiam dabo pro eo casu, ubi Declinationem Lunae non ope instrumenti collocati in meridiano sed ope instrumenti circa verticalem axem

rotantis, metiendo plures distantias a vertice ante et post culminationem observemus.

Apparentem distantiam a vertice, quae pertineat ad tempus sidereum μ, notabo per z, distantiam vero, quae sit momento culminationis μ', per Z: tum $Z - z$ exprimenda est per $\mu - \mu'$.

Quoniam habemus

$$\text{Cos}\, z = \text{Sin}\,\varphi\ \text{Sin}\,\delta' + \text{Cos}\,\varphi\ \text{Cos}\,\delta'\ \text{Cos}\,(\mu - \alpha')$$

quum fuerit multiplicata per Δ apparensque Lunae locus expressus per locum geocentricum, erit

$$\Delta\, \text{Cos}\, z = \text{Sin}\,\varphi\ \text{Sin}\,\delta + \text{Cos}\,\varphi\ \text{Cos}\,\delta\ \text{Cos}\,(\mu-\alpha) - \varrho\ \text{Sin}\,\pi\ \text{Cos}\,(\varphi-\varphi');$$

pari modo, valoribus ipsorum Δ et δ pro momento culminationis per Δ' et d designatis, erit

$$\Delta'\, \text{Cos}\, Z = \text{Cos}\,(\varphi - d) - \varrho\ \text{Sin}\,\pi\ \text{Cos}\,(\varphi-\varphi').$$

Quodsi brevitatis gratia ponuntur

$$\text{Cos}\,(\varphi-d) + u \text{ pro } \text{Sin}\,\varphi\ \text{Sin}\,\delta + \text{Cos}\,\varphi\ \text{Cos}\,\delta\ \text{Cos}\,(\mu-\alpha)$$

$$p \text{ pro } \varrho\ \text{Sin}\,\pi\ \text{Cos}\,(\varphi-\varphi'),$$

habebimus

$$\text{Cos}\, z - \text{Cos}\, Z = \frac{u}{\Delta} + [\text{Cos}\,(\varphi-d) - p]\,\frac{\Delta'-\Delta}{\Delta\Delta'}$$

et quadrato ipsius $Z - z$ neglecto

$$Z-z = \frac{u}{\Delta\ \text{Sin}\, Z} + [\text{Cos}\,(\varphi-d) - p]\,\frac{\Delta'-\Delta}{\Delta\Delta'\ \text{Sin}\, Z}.$$

Si in expressione

$$\Delta = \sqrt{\{1 - 2\varrho\ \text{Sin}\,\pi\,[\text{Sin}\,\varphi'\ \text{Sin}\,\delta + \text{Cos}\,\varphi'\ \text{Cos}\,\delta\ \text{Cos}\,(\mu-\alpha)] + \varrho\varrho\ \text{Sin}\,\pi^2\}}$$

in locum quantitatum $\varrho\ \text{Sin}\,\varphi'$ et $\varrho\ \text{Cos}\,\varphi'$ earum expressiones per altitudinem poli φ substitutae erunt, habebimus

$$\Delta = \sqrt{\left\{1 - \frac{2\,\text{Sin}\,\pi}{\sqrt{(1-\varepsilon\varepsilon\,\text{Sin}\,\varphi^2)}}[\text{Sin}\,\varphi\,\text{Sin}\,\delta(1-\varepsilon\varepsilon) + \text{Cos}\,\varphi\,\text{Cos}\,\delta\,\text{Cos}\,(\mu-\alpha)] + \varrho\varrho\,\text{Sin}\,\pi^2\right\}}$$

$$= \sqrt{\left\{1 - \frac{2\,\text{Sin}\,\pi}{\sqrt{(1-\varepsilon\varepsilon\,\text{Sin}\,\varphi^2)}}[\text{Cos}\,(\varphi-d) - \varepsilon\varepsilon\ \text{Sin}\,\varphi\ \text{Sin}\,\delta + u] + \varrho\varrho\ \text{Sin}\,\pi^2\right\}}.$$

ideoque

$$\Delta' = \sqrt{\left\{1 - \frac{2\,\text{Sin}\,\pi}{\sqrt{(1-\varepsilon\varepsilon\,\text{Sin}\,\varphi^2)}}[\text{Cos}\,(\varphi-d) - \varepsilon\varepsilon\ \text{Sin}\,\varphi\ \text{Sin}\,d] + \varrho\varrho\ \text{Sin}\,\pi^2\right\}}$$

unde reperitur sufficiente approximatione

$$\Delta = 1 - \text{Sin}\,\pi\ \text{Cos}\, Z$$

$$[\text{Cos}\,(\varphi-d)-p]\,\frac{\Delta'-\Delta}{\Delta'} = \text{Sin}\,\pi\ \text{Cos}\, Z\,.\,u$$

quibus in expressione ipsius $Z - z$ substitutis prodit

$$Z - z = \frac{u}{(1-\text{Sin}\,\pi\ \text{Cos}\, Z)^2\ \text{Sin}\, Z}$$

Ad inventionem ipsius u habebimus, quantitate $\mu - \mu'$ minutis secundis temporis siderei expressa,

$$\mu - \alpha = 15\,(\mu - \mu')\,(1 - \lambda)$$

$$\delta \;= d + (\mu - \mu')\,\lambda'$$

unde sequitur

$$u = \lambda' \operatorname{Sin} Z (\mu-\mu') - \tfrac{225}{2} \operatorname{Sin} 1'' (1-\lambda)^2 \operatorname{Cos}\varphi \operatorname{Cos} d (\mu-\mu')^2$$

sive

$$u = -\tfrac{225}{2} \operatorname{Sin} 1''. (1-\lambda)^2 \operatorname{Cos}\varphi \operatorname{Cos} d \,\{(\mu-\mu'-b)^2 - bb\}$$

ubi, ut brevi comprehendatur, scriptum est

$$b \text{ pro } \frac{\lambda' \operatorname{Sin} Z}{225 . \operatorname{Sin} 1''(1-\lambda)^2 \operatorname{Cos}\varphi \operatorname{Cos} d}$$

Si adhibentur quae sunt in Tabula XIII quantitates A et B, quibus jam supra usi sumus, habebimus formulas has:

$$a = \tfrac{225}{2} \operatorname{Sin} 1''. \frac{\operatorname{Cos}\varphi \operatorname{Cos} d}{B^2 . \operatorname{Sin}(\varphi - d)}$$

$$b = \frac{\lambda'}{2a}$$

$$M = \mu' + b$$

$$Z - z = -\frac{a}{A^2}(\mu - M)^2 + \frac{a}{A^2} . bb$$

Has formulas in tertia Sectione observationum mearum promulgavi, quia Lunae in specula Regiomontana frequentes factae sunt observationes per distantias zenithales easque circummeridianas.

Tabula XIV.

Refractio Astronomica.

Refractionis Tabula, quam hic tradam, ex ea, quam e *Bradleji* observationibus derivaveram *), orta est hoc modo, quod correctiones adhibui necessarias, ut illarum cum Regiomontanis completa fieret consensio. Cujus Tabulae historiam breviter hic attingendam esse, haud superfluum duco. Tabulae in „Fundamentis Astronomiae" subest haec hypothesis, densitatem aëris in altitudine as supra superficiem terrae esse

$$= (\varrho)^{-\frac{(g-l)}{gl} . as}$$

ubi (ϱ) densitatem in superficie terrae, a radium osculatorem meridiani pro specula Grenovicensi = 3269805 *Tois.*, g constantem valorem 116865,8 *Tois.*

$$l = \overset{\text{Tois.}}{4226{,}05}\ \{1 + (\tau - 50)\, 0{,}00208333\}$$

et τ gradum Thermometri a *Bradlejo* adhibiti significat. Pro unitate, qua metiamur (ϱ), sumpta est ea aëris densitas, quae tum erit, quum Barometrum 29,6 digitos Anglicos, Thermometrum indicaverit 50°. Sin Barometri altitudo erit b, Thermometrum vero, Barometro affixum, temperaturam τ' indicabit mercurii, positum est

$$(\varrho) = \frac{b}{29{,}6\,\{1 + (\tau' - 50)\, 0{,}0001025\}\,\{1 + (\tau - 50) 0{,}00208333\}}$$

*) Fundamenta Astronomiae pro Anno 1755. Sect. IV.

Pro aëris densitate $=$ 1, Tabula constantem Refractionis numerum

$$\alpha = 57'',538$$

supponit

His positis elementis, Refractio invenitur e solutione problematis, a *Krampio* et *Laplacio* prolati. Tabula non modo Refractionis valorem continet pro $b = 29,6$ et $\tau = \tau' = 50°$, sed etiam variationes, quas illa patitur, si b, τ, τ' alios nanciscantur valores. Sed hae variationes theoriae convenienter computatae sunt, neque, ut in prioribus Tabulis suppositum est, totam Refractionem densitati aëris in loco observationis esse proportionalem. Quo accuratiore calculo effectus Barometri et Thermometri consensio Tabulae cum observationibus valde aucta est. Etiam illi, qui serius hanc rem tractaverunt, exemplum Tabulae meae plane secuti sunt plus minusve. Thermometrum, scala Fahrenheitiana instructum, quo *Bradlejus* utebatur ad cognoscendam aëris temperaturam, quum esset mense Octob. 1750 in nivem immersum, punctum gelationis habuit in 33°, 25, unde supposui, quoniam sufficientes carent de hoc instrumento investigationes, omnes temperaturas illud indicasse 1°,25 supra veras, ergo Tabulam valere pro 48°,75 veri Thermometri Fahrenheitiani. Refractione hujus Tabulae significata per $\delta\theta$, quum A et λ numeri sint, qui in Tabula pro unaquaque distantia zenithali inveniantur, formula, qua vera computabitur Refractio pro Barometri altitudine b, pro indicationibus interioris et exterioris Thermometri f' et f, erit:

$$\delta\theta \left\{\frac{b}{29,6\,\{1+(f'-50)\,0,0001025\}}\right\}^{A} \{1+(f-48,75)\,0,00208333\}^{-\lambda}$$

Annis 1820 et 1821 postquam Circulum meridianum a *Reichenbachio* et *Ertellio* confectum, quo tum specula Regiomontana instructa erat, ita examinaveram, ut observationibus hoc instrumento institutis exiguas illas addere possem correctiones, quae a flexione instrumenti et a divisionis erroribus orirentur, quumque instrumentum ita examinatum certissimas polliceretur observationes, methodo insuper adhibita Thermometrum plane corrigendi, ad novam Refractionis Tabulam condendam observationes pervestigavi stellarum 58 circumpolarium, quae a stella α *Ursae minoris* culminant usque ad distantiam zenithalem 86° 27'. Quum Refractionis variationes, a temperatura profectas, ex observationibus 56 stellarum, quarum distantia zenithalis 60° transcenderet, determinare operam dedissem, inveni, densitatem aëris in temperatura x pro scala centesimali Thermometri sumendam esse

$$= \frac{1}{1 + x\,.\,0,0036438}$$

ut observationes quam accuratissime repraesentarentur. Hunc quidem coefficientem Cel. *Gay-Lussac* invenit $=$ 0,00375, sed quum hic pro aëre sicco, cujus majores fere sunt respectu Refractionis mutationes, quam aëris humore satiati, numerus inventus a me medio cuidam humoris statui respondet, ita ut posito hoc statu, hic cum illo consentiat numerus. Quam ob caussam illi numero numerum praeferre non dubitavi meum. Porro hac posita deter-

minatione inveni, Refractiones in Tabula „Fundamentorum Astronomiae" multiplicandas esse per 1,003282, ut, quantum fieri possit, cum observationibus Regiomontanis consentiant. Serius Barometri altitudines, in his observationibus adhibiti, dimidia Linea Parisiensi augendas esse cognovi, quo efficitur, ut Barometri altitudo, pro qua Refractiones per 1,003282 multiplicatae valent, non adaequat Lineas Parisinas 333,28, ut suppositum est in disquisitione, sed Lineas 333,78. Quae correctio differentiam inter recentem et veterem determinationem vel minorem praebet, quia nunc tantum est in ratione 1 : 0,001779, quod, quum pro distantia zenithali 80° nondum 0″,6 assequatur, profecto limites non egrediatur incertitudinis, qua *Bradleji* instrumenta meteorologica sunt affecta. Utramque igitur determinationem inter se congruere, supponendum est, meaque quidem sententia etiam observationes Grenovicenses reduci poterunt secundum Tabulam Regiomontanam, in qua respectu instrumentorum meteorologicorum nihil incertum residet.

Secundum has igitur pervestigationes Refractionem habemus:

$$= (1+k)\,\delta\theta\,.\,\beta^{A}.\,\gamma^{\lambda}$$

ubi $k = 0{,}003282$, β significat Barometri altitudinem divisam per 333,78 Lineas (utramque altitudinem supponimus reductam ad easdem et mercurii et scalae temperaturas), γ aëris densitatem, quatenus a sola temperatura pendentem, item divisam per densitatem eam, quae pro 48°,75 Thermometri Fahrenheitiani locum habet. Aëris temperaturam, prout illam sive scala Fahrenheitiana metiamur, sive Réaumuriana, sive Centesimali, notabimus per f, r, c; Barometri temperaturam per f', r', c', Barometri altitudinem sive Lineis Parisiensibus, sive digitis Anglicis, sive partibus Metri Gallici expressam per $b^{(l)}$, $b^{(e)}$, $b^{(m)}$ significabimus. Quoniam normalis temperaturae sunt harum mensurarum resp. $r' = 13°{,}0$, $f' = 62°$, $c' = 0$, Barometri altitudo ad veram mensuram reducta erit resp.

$$b^{(l)}\,\frac{80+r's}{80+13\,.\,s};\qquad b^{(e)}\,\frac{180+(f'-32)s}{180+30\,.\,s};\qquad b^{(m)}\,\frac{100+c's}{100}$$

ubi s extensionem indicat scalae a puncto glaciali usque ad punctum aquae bullientis, et si scala erit ex aurichalco fabricata, $= 0{,}0018782$. Sed quia digitus Anglicus metitur Lineas Parisienses 12 : 1,065765, Metrum vero 443,296, habebimus

$$b^{(l)}\,\frac{80+r's}{80+13s} = b^{(e)}\,\frac{12}{1{,}065765}\,.\,\frac{180+(f'-32)s}{180+30s}$$
$$= b^{(m)}\,443{,}296\,.\,\frac{100+c's}{100}$$

Supposita normalis Barometri altitudo Linearum 333,78, quam scala dimetiamur, cujus sit temperatura $f' = 50°$ sive $r' = 8°$ sive $c' = 10°$, vera Parisiensi mensura expressa, erit

$$333{,}78\,\frac{80+8\,.\,s}{80+13\,.\,s}$$

porro mercurii densitas, quae pro eadem temperatura sumpta est pro unitate, erit

$$= \frac{80 + 8 \,.\, q}{80 + s' \,.\, q} = \frac{180 + 18q}{180 + (f' - 32)q} = \frac{100 + 10 \,.\, q}{100 + c' \,.\, q}$$

ubi q extensionem significat a puncto gelationis usque ad punctum ferventis aquae $= \frac{1}{55,5}$. Quantitas igitur β e duobus composita est factoribus B et T, quorum prior a sola Barometri altitudine, alter pendet a temperatura Barometri. Prior ille hic est:

$$B = \frac{b^{(l)}}{333,78} \cdot \frac{80 + 8 \,.\, q}{80 + 8 \,.\, s}$$

$$= \frac{b^{(e)}}{333,78} \cdot \frac{12}{1,065765} \cdot \frac{80 + 13s}{80 + 8s} \cdot \frac{180 + 18 \,.\, q}{180 + 30 \,.\, s}$$

$$= b^{(m)} \cdot \frac{443,296}{333,78} \cdot \frac{80 + 13\,s}{80 + 8\,s} \cdot \frac{100 + 10 \,.\, q}{100}$$

alter

$$T = \frac{80 + r's}{80 + r'q} = \frac{180 + (f' - 32)s}{180 + (f' - 32)q} = \frac{100 + c's}{100 + c'q}$$

Tabula continet logarithmos duorum illorum factorum quantitatis β pro quoque Argumento, porro logarithmum continet ipsius

$$\gamma = \frac{180 + 16,75 \,.\, 0,36438}{180 + (f - 32)\, 0,36438}$$

$$= \frac{180 + 16,75 \,.\, 0,36438}{180 + \frac{9}{4} r \,.\, 0,36438}$$

$$= \frac{180 + 16,75 \,.\, 0,36438}{180 + \frac{9}{5} c \,.\, 0,36438}$$

pro tribus illis variorum Thermometrorum scalis. Loco logarithmi ipsius $(1 + k)\,\delta\theta$ continet $\operatorname{Log} \alpha$ ita sumptum, ut sit

$$\operatorname{Log} [(1 + k)\delta\theta] = \operatorname{Log} \alpha + \text{Log. Tang. Dist. a Vert.}$$

Ergo habebimus logarithmum Refractionis:

$$= l \,.\, \operatorname{Tang} \theta + l \,.\, \alpha + A \,\{ l \,.\, B + l \,.\, T \} + \lambda \,.\, l \,.\, \gamma.$$

Tabula hoc modo comparata usque ad distantiam zenithalem 85° continuata est. Usque ad hunc fere terminum ipsam examinavi observationibus meridianis, quas supra memoravi. Sed pro distantiis majoribus a Vertice Cl. *Argelander*, qui nunc praepositus est speculae Aboensi, tunc temporis adjunctus erat Regiomontanae, annis 1820 et 1821 numerosas fecit circa stellas occidentes observationes, ex quibus Tabulae in „Fundamentis Astronomiae“ expositae errores pro dimidio quoque gradu distantiae zenithalis sunt derivati. *Observatas* has Refractiones quasi supplementum Tabulae adjeci, cujus reductio ad alias Barometri altitudines aliasque temperaturas ope ejusdem formulae supra explicatae efficitur; valores quantitatum A et λ ad hanc reductionem accommodati e „Fund. Astr.“ deprompti sunt.

Neminem fugit, strata aëris inaequaliter esse calefacta et hanc ob caussam eorum aequilibrium esse perturbatum. Cujus quoniam contrarium debet quaeque theoria supponere, apertum est, theoriam non semper cum observa-

tionibus posse consentire, sed mediis tantum Refractionum valoribus se applicare. Ex quo perspicuum est, necessarium esse, verisimilem cujusque Refractionis computatae errorem ex inaequalitatibus, quae in observationum serie satis longa reperiantur, pro unaquaque distantia zenithali deducere, ut, quae sit Tabulae fides habenda in unoquoque casu, judicare possimus. Hujus rei disquisitio, quae Regiomontanis nitebatur observationibus, mihi haec suppeditavit.

Error verisimilis unius Refractionis ope Tabulae computatae.

D . a V.	±	*D . a V.*	±
45°	0″,27	85° 0′	1″,71
60	0,34	30	2,00
65	0,37	86 0	2,40
70	0,46	30	2,63
75	0,66	87 0	3,87
80	0,92	30	5,30
81	1,00	88 0	7,74
82	1,11	30	10,58
83	1,25	89 0	16,84
84	1,43	30	20,01

Ex quo perspicuum est, inaequalitates e memoratis caussis ortas, s temperatura et Barometri altitudo ad normam Tabulae meae ad calculos vocatae fuerint, in ultimis demum distantiae zenithalis gradibus valde sensibiles esse.

Exemplum. Quaeritur Refractio pro apparente distantia zenithali θ = 83° 13′ 20″, pro Barometri altitudine 335,20 Linearum Paris., pro temperatura Barometri = − 18°,0 *C.*, temperatura aëris = − 7°,0 *F.*

Tabula XIV suppeditat

	la =	1,73062	$A = 1{,}0079$, $\lambda = 1{,}0794$
Log Tang θ		0,92500	
$l . B$ = + 254			
$l . T$ = + 126			
$l\beta$ = + 380;	$Al\beta$. . . .	0,00383	
$l\gamma$ = + 4545;	$\lambda l\gamma$	0.04906	
		2,70851	

Refractio = 8′ 31″,10.

Tabula I.

Reductionis diei ad annum fictum pars prima = k.

	h ′ ″			h ′ ″	
1750	+ 0 14 25,3	+ 0,010	1790	+ 7 42 25,7	+ 0,321
1751	− 5 34 22,8	− 0,232	1791	+ 1 53 37,8	+ 0,079
1752	+ 12 36 49,1	+ 0,526	1792	+ 20 4 50,0	+ 0,837
1753	+ 6 48 1,0	+ 0,283	1793	+ 14 16 2,1	+ 0,594
1754	+ 0 59 12,9	+ 0,041	1794	+ 8 27 14,3	+ 0,352
1755	− 4 49 35,1	− 0,201	1795	+ 2 38 26,4	+ 0,110
1756	+ 13 21 36,8	+ 0,557	1796	+ 20 49 38,6	+ 0,868
1757	+ 7 32 48,7	+ 0,314	1797	+ 15 0 50,8	+ 0,626
1758	+ 1 44 0,6	+ 0,072	1798	+ 9 12 2,9	+ 0,383
1759	− 4 4 47,4	− 0,170	1799	+ 3 23 15,1	+ 0,141
1760	+ 14 6 24,5	+ 0,588	1800	− 2 25 32,7	− 0,101
1761	+ 8 17 36,5	+ 0,346	1801	− 8 14 20,5	− 0,343
1762	+ 2 28 48,4	+ 0,103	1802	− 14 3 8,3	− 0,586
1763	− 3 19 59,6	− 0,139	1803	− 19 51 56,1	− 0,828
1764	+ 14 51 12,4	+ 0,619	1804	− 1 40 43,9	− 0,070
1765	+ 9 2 24,4	+ 0,377	1805	− 7 29 31,7	− 0,312
1766	+ 3 13 36,3	+ 0,134	1806	− 13 18 19,5	− 0,554
1767	− 2 35 11,7	− 0,108	1807	− 19 7 7,2	− 0,797
1768	+ 15 36 0,3	+ 0,650	1808	− 0 55 55,0	− 0,039
1769	+ 9 47 12,3	+ 0,408	1809	− 6 44 42,8	− 0,281
1770	+ 3 58 24,3	+ 0,166	1810	− 12 33 30,5	− 0,523
1771	− 1 50 23,7	− 0,077	1811	− 18 22 18,3	− 0,765
1772	+ 16 20 48,4	+ 0,681	1812	− 0 11 6,0	− 0,008
1773	+ 10 32 0,4	+ 0,439	1813	− 5 59 53,8	− 0,250
1774	+ 4 43 12,4	+ 0,197	1814	− 11 48 41,5	− 0,492
1775	− 1 5 35,5	− 0,046	1815	− 17 37 29,2	− 0,734
1776	+ 17 5 36,5	+ 0,712	1816	+ 0 33 43,1	+ 0,023
1777	+ 11 16 48,5	+ 0,470	1817	− 5 15 4,6	− 0,219
1778	+ 5 28 0,6	+ 0,228	1818	− 11 3 52,3	− 0,461
1779	− 0 20 47,3	− 0,014	1819	− 16 52 40,0	− 0,703
1780	+ 17 50 24,7	+ 0,743	1820	+ 1 18 32,3	+ 0,055
1781	+ 12 1 36,8	+ 0,501	1821	− 4 30 15,4	− 0,188
1782	+ 6 12 48,9	+ 0,259	1822	− 10 19 3,1	− 0,430
1783	+ 0 24 1,0	+ 0,017	1823	− 16 7 50,8	− 0,672
1784	+ 18 35 13,1	+ 0,774	1824	+ 2 3 21,5	+ 0,086
1785	+ 12 46 25,1	+ 0,532	1825	− 3 45 26,1	− 0,157
1786	+ 6 57 37,2	+ 0,290	1826	− 9 34 13,8	− 0,399
1787	+ 1 8 49,4	+ 0,048	1827	− 15 23 1,4	− 0,641
1788	+ 19 20 1,5	+ 0,806	1828	+ 2 48 10,9	+ 0,117
1789	+ 13 31 13,6	+ 0,563	1829	− 3 0 36,7	− 0,125

Tabula I. *continuata.*

	h ′ ″			h ′ ″	
1830	− 8 49 24,4	− 0,368	1840	+ 5 2 39,6	+ 0,210
1831	− 14 38 12,0	− 0,610	1841	− 0 46 8,0	− 0,032
1832	+ 3 33 0,4	+ 0,148	1842	− 6 34 55,6	− 0,274
1833	− 2 15 47,2	− 0,094	1843	− 12 23 43,1	− 0,516
1834	− 8 4 34,8	− 0,337	1844	+ 5 47 29,3	+ 0,241
1835	− 13 53 22,5	− 0,579	1845	− 0 1 18,2	− 0,001
1836	+ 4 17 49,9	+ 0,179	1846	− 5 50 5,8	− 0,243
1837	− 1 30 57,7	− 0,063	1847	− 11 38 53,3	− 0,485
1838	− 7 19 45,3	− 0,305	1848	+ 6 32 19,2	+ 0,272
1839	− 13 8 32,8	− 0,548	1849	+ 0 43 31,7	+ 0,030

Tabula II.

Reductionis diei ad annum fictum pars secunda = d.

	h ′ ″	
Aboa	− 1 19 49,2	− 0,056
Altona	− 0 30 25,0	− 0,021
Berolinum	− 0 44 12,6	− 0,031
Brema	− 0 25 54,0	− 0,018
Dorpatum	− 1 37 33,5	− 0,068
Eblana	+ 0 34 36,0	+ 0,024
Florentia	− 0 35 42,0	− 0,025
Gotha (Seeberg)	− 0 33 34,9	− 0,023
Gottinga	− 0 30 25,0	− 0,021
Grenovicum	+ 0 9 21,6	+ 0,007
Hafnia	− 0 40 58,4	− 0,028
Manhemium	− 0 24 30,0	− 0,017
Massilia	− 0 12 7,5	− 0,008
Mediolanum	− 0 27 25,0	− 0,019
Monachium	− 0 37 4,9	− 0,026
Nicolaef	− 1 58 39,8	− 0,082
Panormus	− 0 44 7,0	− 0,031
Parisii	0 0 0,0	0,000
Regiomontum	− 1 12 39,0	− 0,050
Vienna	− 0 56 10,4	− 0,039

Reductio diei = k + d.

Tabula III.

Praecessio Aequinoctiorum media.

	Praecessio annua Lunisol.	Praecessio annua General.	Obliquitas Ecliptices fixae pro 1750	Obliquitas Ecliptices verae
1750	50″,37572	50″,21129	23° 28′ 18″,000	23° 28′ 18″,000
1760	50,37328	50,21373	18,001	28 13,163
1770	50,37085	50,21617	18,004	28 8,325
1780	50,36841	50,21862	18,009	28 3,487
1790	50,36598	50,22106	18,016	27 58,648
1800	50,36354	50,22350	18,025	27 53,809
1810	50,36110	50,22594	18,035	27 48,969
1820	50,35867	50,22839	18,048	27 44,129
1830	50,35623	50,23083	18,063	27 39,288
1840	50,35380	50,23328	18,080	27 34,447
1850	50,35136	50,23572	18,098	27 29,605

	m	n	Log. n	π	M
1750	46″,02824	20″,06442	1,30243	0″,48892	171° 36′ 10″
1760	46,03133	20,06345	1,30241	0,48886	171 42 48
1770	46,03441	20,06248	1,30238	0,48880	171 49 26
1780	46,03750	20,06151	1,30236	0,48874	171 56 4
1790	46,04059	20,06054	1,30234	0,48867	172 2 42
1800	46,04367	20,05957	1,30232	0,48861	172 9 20
1810	46,04676	20,05860	1,30230	0,48855	172 15 57
1820	46,04984	20,05763	1,30228	0,48849	172 22 35
1830	46,05293	20,05666	1,30226	0,48843	172 29 13
1840	46,05601	20,05569	1,30224	0,48837	172 35 51
1850	46,05910	20,05472	1,30222	0,48831	172 42 29

Variationes annuae locorum stellarum fixarum inveniuntur secundum formulas sequentes:

A. R. . α .... $m + n \operatorname{Sin} \alpha \operatorname{tang} \delta$.

Decl. . δ .... $n \operatorname{Cos} \alpha$.

Long. . l .... $\pi \operatorname{Cos}(l - M) \operatorname{tang} b$ + Praecess. generalis.

Lat. . b ...... $-\pi \operatorname{Sin}(l - M)$.

Tabula IV.

Nutatio Lunaris puncti aequinoctialis pro Longitudine et Adscensione recta, atque Obliquitas Ecliptices media addita Nutatione Lunari.

		Long.	A. R.	Obl. Ecl.			Long.	A. R.	Obl. Ecl.
		"	"	° ' "			"	"	° ' "
1750	Jan. 0	+16,44	+1,005	23 28 19,34	1758	Jan. 0	—13,84	—0,846	23 28 8,80
	Apr. 10	+16,69	+1,020	18,40		Apr. 10	—14,67	—0,897	9,38
	Jul. 19	+16,79	+1,026	17,45		Jul. 19	—15,36	—0,939	10,00
	Oct. 27	+16,75	+1,024	16,50		Oct. 27	—15,92	—0,974	10,65
	Dec. 66	+16,56	+1,013	15,54		Dec. 66	—16,35	—1,000	11,33
1751	Jan. 0	+16,64	+1,017	23 28 15,87	1759	Jan. 0	—16,22	—0,992	23 28 11,10
	Apr. 10	+16,36	+1,000	14,93		Apr. 10	—16,55	—1,012	11,79
	Jul. 19	+15,94	+0,975	14,00		Jul. 19	—16,74	—1,024	12,48
	Oct. 27	+15,38	+0,941	13,10		Oct. 27	—16,78	—1,027	13,18
	Dec. 66	+14,68	+0,898	12,22		Dec. 66	—16,69	—1,021	13,89
1752	Jan. 1	+14,94	+0,914	23 28 12,52	1760	Jan. 1	—16,74	—1,024	23 28 13,65
	Apr. 10	+14,16	+0,866	11,67		Apr. 10	—16,55	—1,012	14,35
	Jul. 19	+13,26	+0,811	10,87		Jul. 19	—16,22	—0,992	15,03
	Oct. 27	+12,24	+0,748	10,11		Oct. 27	—15,76	—0,963	15,69
	Dec. 66	+11,09	+0,678	9,39		Dec. 66	—15,15	—0,927	16,33
1753	Jan. 0	+11,50	+0,703	23 28 9,63	1761	Jan. 0	—15,37	—0,940	23 28 16,11
	Apr. 10	+10,30	+0,630	8,96		Apr. 10	—14,69	—0,898	16,72
	Jul. 19	+ 9,01	+0,551	8,36		Jul. 19	—13,89	—0,850	17,30
	Oct. 27	+ 7,64	+0,467	7,82		Oct. 27	—12,98	—0,794	17,83
	Dec. 66	+ 6,19	+0,378	7,34		Dec. 66	—11,95	—0,731	18,32
1754	Jan. 0	+ 6,69	+0,409	23 28 7,50	1762	Jan. 0	—12,32	—0,753	23 28 18,16
	Apr. 10	+ 5,21	+0,319	7,07		Apr. 10	—11,23	—0,687	18,61
	Jul. 19	+ 3,69	+0,226	6,73		Jul. 19	—10,06	—0,615	19,00
	Oct. 27	+ 2,13	+0,130	6,46		Oct. 27	— 8,81	—0,539	19,33
	Dec. 66	+ 0,54	+0,033	6,26		Dec. 66	— 7,47	—0,457	19,61
1755	Jan. 0	+ 1,09	+0,066	23 28 6,32	1763	Jan. 0	— 7,94	—0,485	23 28 19,52
	Apr. 10	— 0,50	—0,031	6,18		Apr. 10	— 6,57	—0,401	19,75
	Jul. 19	— 2,08	—0,127	6,12		Jul. 19	— 5,16	—0,315	19,91
	Oct. 27	— 3,63	—0,222	6,14		Oct. 27	— 3,70	—0,226	20,00
	Dec. 66	— 5,18	—0,317	6,23		Dec. 66	— 2,20	—0,135	20,02
1756	Jan. 1	— 4,65	—0,286	23 28 6,19	1764	Jan. 1	— 2,72	—0,166	23 28 20,02
	Apr. 10	— 6,15	—0,377	6,34		Apr. 10	— 1,22	—0,074	19,99
	Jul. 19	— 7,59	—0,464	6,56		Jul. 19	+ 0,29	+0,018	19,89
	Oct. 27	— 8,96	—0,548	6,85		Oct. 27	+ 1,79	+0,110	19,71
	Dec. 66	—10,27	—0,628	7,21		Dec. 66	+ 3,30	+0,202	19,46
1757	Jan. 0	— 9,83	—0,601	23 28 7,08	1765	Jan. 0	+ 2,79	+0,170	23 28 19,56
	Apr. 10	—11,07	—0,677	7,48		Apr. 10	+ 4,27	+0,261	19,26
	Jul. 19	—12,20	—0,746	7,94		Jul. 19	+ 5,70	+0,349	18,90
	Oct. 27	—13,22	—0,809	8,44		Oct. 27	+ 7,10	+0,434	18,46
	Dec. 66	—14,14	—0,865	8,99		Dec. 66	+ 8,46	+0,517	17,95

Tabula IV. *continuata.*

		Long.	A. R.	Obl. Ecl.			Long.	A. R.	Obl. Ecl.
		"	"	° ' "			"	"	° ' "
1766	Jan. 0	+ 8,00	+0,489	23 28 18,13	1775	Jan. 0	— 6,76	—0,413	23 27 57,91
	Apr. 10	+ 9,30	+0,569	17,60		Apr. 10	— 8,18	—0,500	58,17
	Jul. 19	+10,52	+0,643	16,98		Jul. 19	— 9,51	—0,582	58,48
	Oct. 27	+11,66	+0,713	16,32		Oct. 27	—10,77	—0,659	58,85
	Dec. 66	+12,71	+0,778	15,59		Dec. 66	—11,94	—0,730	59,31
1767	Jan. 0	+12,36	+0,756	23 28 15,84	1776	Jan. 1	—11,55	—0,706	23 27 59,15
	Apr. 10	+13,34	+0,816	15,09		Apr. 10	—12,64	—0,773	59,63
	Jul. 19	+14,21	+0,869	14,29		Jul. 19	—13,62	—0,833	28 0,15
	Oct. 27	+14,97	+0,915	13,45		Oct. 27	—14,47	—0,885	0,73
	Dec. 66	+15,60	+0,954	12,57		Dec. 66	—15,21	—0,930	1,35
1768	Jan. 1	+15,40	+0,942	23 28 12,88	1777	Jan. 0	—14,97	—0,916	23 28 1,13
	Apr. 10	+15,95	+0,975	11,98		Apr. 10	—15,61	—0,955	1,77
	Jul. 19	+16,36	+1,000	11,06		Jul. 19	—16,12	—0,986	2,43
	Oct. 27	+16,64	+1,017	10,13		Oct. 27	—16,48	—1,008	3,11
	Dec. 66	+16,77	+1,026	9,17		Dec. 66	—16,71	—1,022	3,81
1769	Jan. 0	+16,74	+1,024	23 28 9,50	1778	Jan. 0	—16,65	—1,018	23 28 3,57
	Apr. 10	+16,79	+1,026	8,55		Apr. 10	—16,78	—1,026	4,28
	Jul. 19	+16,69	+1,020	7,60		Jul. 19	—16,76	—1,025	4,98
	Oct. 27	+16,44	+1,005	6,65		Oct. 27	—16,61	—1,015	5,67
	Dec. 66	+16,05	+0,982	5,72		Dec. 66	—16,31	—0,997	6,36
1770	Jan. 0	+16,20	+0,991	23 28 6,04	1779	Jan. 0	—16,43	—1,005	23 28 6,13
	Apr. 10	+15,72	+0,961	5,12		Apr. 10	—16,04	—0,981	6,80
	Jul. 19	+15,11	+0,924	4,23		Jul. 19	—15,52	—0,949	7,45
	Oct. 27	+14,36	+0,878	3,37		Oct. 27	—14,87	—0,909	8,07
	Dec. 66	+13,48	+0,825	2,55		Dec. 66	—14,09	—0,862	8,66
1771	Jan. 0	+13,80	+0,844	23 28 2,82	1780	Jan. 1	—14,37	—0,879	23 28 8,46
	Apr. 10	+12,84	+0,785	2,08		Apr. 10	—13,52	—0,827	9,02
	Jul. 19	+11,78	+0,720	1,30		Jul. 19	—12,57	—0,769	9,53
	Oct. 27	+10,60	+0,648	0,62		Oct. 27	—11,51	—0,704	9,99
	Dec. 66	+ 9,32	+0,570	27 59,99		Dec. 66	—10,35	—0,633	10,41
1772	Jan. 1	+ 9,77	+0,598	23 28 0,20	1781	Jan. 0	—10,76	—0,658	23 28 10,27
	Apr. 10	+ 8,44	+0,516	27 59,61		Apr. 10	— 9,54	—0,584	10,64
	Jul. 19	+ 7,05	+0,431	59,10		Jul. 19	— 8,26	—0,505	10,95
	Oct. 27	+ 5,58	+0,341	58,66		Oct. 27	— 6,91	—0,423	11,19
	Dec. 66	+ 4,05	+0,248	58,30		Dec. 66	— 5,50	—0,336	11,37
1773	Jan. 0	+ 4,58	+0,280	23 27 58,41	1782	Jan. 0	— 5,99	—0,366	23 28 11,32
	Apr. 10	+ 3,03	+0,186	58,10		Apr. 10	— 4,55	—0,278	11,45
	Jul. 19	+ 1,47	+0,090	57,86		Jul. 19	— 3,08	—0,189	11,51
	Oct. 27	— 0,11	—0,007	57,70		Oct. 27	— 1,59	—0,097	11,50
	Dec. 66	— 1,70	—0,104	57,62		Dec. 66	— 0,07	—0,004	11,42
1774	Jan. 0	— 1,16	—0,071	23 27 57,64	1783	Jan. 0	— 0,59	—0,036	23 28 11,45
	Apr. 10	— 3,74	—0,167	57,61		Apr. 10	+ 0,92	+0,056	11,32
	Jul. 19	— 4,28	—0,262	57,66		Jul. 19	+ 2,42	+0,148	11,11
	Oct. 27	— 5,79	—0,354	57,79		Oct. 27	+ 3,90	+0,238	10,83
	Dec. 66	— 7,26	—0,444	57,99		Dec. 66	+ 5,37	+0,328	10,48

Tabula IV. *continuata.*

		Long.	A. R.	Obl. Ecl.			Long.	A. R.	Obl. Ecl.
		"	"	° ' "			"	"	° ' "
1784	Jan. 1	+ 4,87	+0,298	23 28 10,61	1793	Jan. 0	— 3,38	—0,207	23 27 49,12
	Apr. 10	+ 6,30	+0,335	10,22		Apr. 10	— 4,92	—0,301	49,20
	Jul. 19	+ 7,67	+0,469	9,75		Jul. 19	— 6,40	—0,391	49,36
	Oct. 27	+ 8,98	+0,549	9,22		Oct. 27	— 7,83	—0,479	49,59
	Dec. 66	+10,24	+0,626	8,61		Dec. 66	— 9,20	—0,563	49,89
1785	Jan. 0	+ 9,82	+0,600	23 28 8,83	1794	Jan. 0	— 8,74	—0,535	23 27 49,78
	Apr. 10	+11,01	+0,673	8,20		Apr. 10	—10,09	—0,615	50,13
	Jul. 19	+12,11	+0,740	7,51		Jul. 19	—11,27	—0,689	50,53
	Oct. 27	+13,11	+0,802	6,77		Oct. 27	—12,38	—0,757	50,99
	Dec. 66	+14,02	+0,857	5,98		Dec. 66	—13,40	—0,819	51,52
1786	Jan. 0	+13,72	+0,839	23 28 6,26	1795	Jan. 0	—13,06	—0,799	23 27 51,33
	Apr. 10	+14,55	+0,889	5,44		Apr. 10	—13,99	—0,856	51,88
	Jul. 19	+15,25	+0,932	4,59		Jul. 19	—14,79	—0,905	52,47
	Oct. 27	+15,82	+0,968	3,70		Oct. 27	—15,46	—0,946	53,10
	Dec. 66	+16,27	+0,995	2,78		Dec. 66	—16,01	—0,979	53,76
1787	Jan. 0	+16,13	+0,987	23 28 3,10	1796	Jan. 1	—15,84	—0,969	23 27 53,53
	Apr. 10	+16,49	+1,009	2,17		Apr. 10	—16,29	—0,996	54,20
	Jul. 19	+16,71	+1,022	1,23		Jul. 19	—16,59	—1,015	54,89
	Oct. 27	+16,79	+1,027	0,28		Oct. 27	—16,76	—1,025	55,59
	Dec. 66	+16,72	+1,023	27 59,32		Dec. 66	—16,78	—1,026	56,30
1788	Jan. 1	+16,76	+1,025	23 27 59,65	1797	Jan. 0	—16,79	—1,027	23 27 56,06
	Apr. 10	+16,60	+1,015	58,70		Apr. 10	—16,71	—1,022	56,76
	Jul. 19	+16,30	+0,997	57,76		Jul. 19	—16,50	—1,009	57,45
	Oct. 27	+15,85	+0,970	56,84		Oct. 27	—16,14	—0,987	58,13
	Dec. 66	+15,27	+0,934	55,93		Dec. 66	—15,65	—0,957	58,79
1789	Jan. 0	+15,49	+0,947	23 27 56,24	1798	Jan. 0	—15,84	—0,969	23 27 58,57
	Apr. 10	+14,81	+0,906	55,36		Apr. 10	—15,26	—0,934	59,21
	Jul. 19	+14,01	+0,857	54,52		Jul. 19	—14,56	—0,891	59,81
	Oct. 27	+13,09	+0,801	53,71		Oct. 27	—13,74	—0,841	28 0,38
	Dec. 66	+12,04	+0,736	52,96		Dec. 66	—12,80	—0,783	0,91
1790	Jan. 0	+12,41	+0,759	23 27 53,22	1799	Jan. 0	—13,14	—0,804	23 28 0,73
	Apr. 10	+11,30	+0,691	52,50		Apr. 10	—12,14	—0,742	1,22
	Jul. 19	+10,09	+0,617	51,84		Jul. 19	—11,04	—0,675	1,66
	Oct. 27	+ 8,79	+0,537	51,25		Oct. 27	— 9,85	—0,602	2,05
	Dec. 66	+ 7,39	+0,452	50,71		Dec. 66	— 8,58	—0,524	2,38
1791	Jan. 0	+ 7,87	+0,481	23 27 50,89	1800	Jan. 0	— 9,02	—0,552	23 28 2,27
	Apr. 10	+ 6,44	+0,394	50,40		Apr. 10	— 7,70	—0,471	2,55
	Jul. 19	+ 4,96	+0,303	50,00		Jul. 19	— 6,33	—0,387	2,77
	Oct. 27	+ 3,43	+0,209	49,66		Oct. 27	— 4,91	—0,300	2,92
	Dec. 66	+ 1,85	+0,113	49,40		Dec. 66	— 3,43	—0,210	3,00
1792	Jan. 1	+ 2,39	+0,146	23 27 49,48	1801	Jan. 0	— 3,95	—0,241	23 28 2,98
	Apr. 10	+ 0,81	+0,050	49,28		Apr. 10	— 2,46	—0,150	3,01
	Jul. 19	— 0,77	—0,047	49,15		Jul. 19	— 0,96	—0,059	2,97
	Oct. 27	— 2,34	—0,143	49,10		Oct. 27	+ 0,55	+0,033	2,85
	Dec. 66	— 3,91	—0,239	49,14		Dec. 66	+ 2,07	+0,126	2,66

Tabula IV. *continuata.*

		Long.	A. R.	Obl. Ecl.			Long.	A. R.	Obl. Ecl.
		′	″	° ′ ″			″	″	° ′ ″
1802	Jan. 0	+ 1,55	+0,095	23 28 2,74	1811	Jan. 0	+ 0,15	+0,009	23 27 40,71
	Apr. 10	+ 3,05	+0,186	2,50		Apr. 10	— 1,44	—0,088	40,62
	Jul. 19	+ 4,51	+0,276	2,19		Jul. 19	— 3,00	—0,183	40,60
	Oct. 27	+ 5,95	+0,364	1,81		Oct. 27	— 4,54	—0,277	40,67
	Dec. 66	+ 7,35	+0,450	1,36		Dec. 66	— 6,05	—0,370	40,81
1803	Jan. 0	+ 6,87	+0,420	23 28 1,52	1812	Jan. 1	— 5,54	—0,339	23 27 40,75
	Apr. 10	+ 8,23	+0,503	1,03		Apr. 10	— 7,01	—0,429	40,94
	Jul. 19	+ 9,52	+0,582	0,48		Jul. 19	— 8,41	—0,514	41,20
	Oct. 27	+10,72	+0,656	27 59,86		Oct. 27	— 9,73	—0,595	41,53
	Dec. 66	+11,86	+0,725	59,18		Dec. 66	—10,96	—0,670	41,92
1804	Jan. 1	+11,48	+0,702	23 27 59,42	1813	Jan. 0	—10,54	—0,645	23 27 41,78
	Apr. 10	+12,54	+0,767	58,70		Apr. 10	—11,74	—0,718	42,21
	Jul. 19	+13,50	+0,826	57,94		Jul. 19	—12,82	—0,784	42,70
	Oct. 27	+14,35	+0,878	57,13		Oct. 27	—13,77	—0,841	43,24
	Dec. 66	+15,09	+0,923	56,28		Dec. 66	—14,62	—0,894	43,82
1805	Jan. 0	+14,85	+0,908	23 27 56,58	1814	Jan. 0	—14,34	—0,877	23 27 43,62
	Apr. 10	+15,51	+0,948	55,71		Apr. 10	—15,09	—0,923	44,23
	Jul. 19	+16,03	+0,980	54,81		Jul. 19	—15,71	—0,961	44,86
	Oct. 27	+16,42	+1,004	53,89		Oct. 27	—16,19	—0,990	45,53
	Dec. 66	+16,67	+1,020	52,94		Dec. 66	—16,54	—1,011	46,22
1806	Jan 0	+16,60	+1,015	23 27 53,27	1815	Jan. 0	—16,43	—1,005	23 27 45,98
	Apr. 10	+16,76	+1,025	52,32		Apr. 10	—16,68	—1,020	46,68
	Jul. 19	+16,78	+1,026	51,37		Jul. 19	—16,79	—1,026	47,38
	Oct. 27	+16,65	+1,019	50,42		Oct. 27	—16,75	—1,024	48,08
	Dec. 66	+16,38	+1,002	49,47		Dec. 66	—16,56	—1,013	48,78
1807	Jan. 0	+16,49	+1,009	23 27 49,80	1816	Jan. 1	—16,64	—1,018	23 27 48,54
	Apr. 10	+16,13	+0,987	48,86		Apr. 10	—16,37	—1,001	49,23
	Jul. 19	+15,63	+0,956	47,95		Jul. 19	—15,96	—0,976	49,90
	Oct. 27	+14,99	+0,917	47,07		Oct. 27	—15,42	—0,943	50,54
	Dec. 66	+14,22	+0,869	46,21		Dec. 66	—14,74	—0,901	51,17
1808	Jan. 1	+14,50	+0,887	23 27 46,50	1817	Jan. 0	—14,99	—0,917	23 27 50,96
	Apr. 10	+13,64	+0,834	45,67		Apr. 10	—14,23	—0,871	51,55
	Jul. 19	+12,67	+0,775	44,89		Jul. 19	—13,37	—0,818	52,10
	Oct. 27	+11,58	+0,708	44,17		Oct. 27	—12,39	—0,758	52,60
	Dec. 66	+10,38	+0,635	43,49		Dec. 66	—11,31	—0,692	53,06
1809	Jan. 0	+10,80	+0,661	23 27 43,71	1818	Jan. 0	—11,69	—0,715	23 27 52,91
	Apr. 10	+ 9,55	+0,584	43,08		Apr. 10	—10,55	—0,645	53,33
	Jul. 19	+ 8,21	+0,502	42,51		Jul. 19	— 9,33	—0,571	53,69
	Oct. 27	+ 6,80	+0,416	42,01		Oct. 27	— 8,04	—0,492	53,98
	Dec. 66	+ 5,31	+0,325	41,58		Dec. 66	— 6,66	—0,408	54,22
1810	Jan. 0	+ 5,83	+0,356	23 27 41,72	1819	Jan. 0	— 7,14	—0,437	23 27 54,15
	Apr. 10	+ 4,35	+0,264	41,34		Apr. 10	— 5,74	—0,351	54,34
	Jul. 19	+ 2,77	+0,170	41,04		Jul. 19	— 4,30	—0,263	54,45
	Oct. 27	+ 1,20	+0,074	40,81		Oct. 27	— 2,83	—0,173	54,49
	Dec. 66	— 0,40	—0,024	40,67		Dec. 66	— 1,32	—0,081	54,48

Tabula IV. *continuata.*

		Long.	A. R.	Obl. Ecl.			Long.	A. R.	Obl. Ecl.
		"	"	° ' "			"	"	° ' "
1820	Jan. 1	— 1,84	—0,112	23 27 54,50	1829	Jan. 0	+ 3,68	+0,225	23 27 32,70
	Apr. 10	— 0,33	—0,020	54,42		Apr. 10	+ 2,11	+0,129	32,43
	Jul. 19	+ 1,18	+0,072	54,28		Jul. 19	+ 0,54	+0,033	32,24
	Oct. 27	+ 2,68	+0,164	54,06		Oct. 27	— 1,04	—0,064	32,12
	Dec. 66	+ 4,17	+0,255	53,77		Dec. 66	— 2,63	—0,161	32,09
1821	Jan. 0	+ 3,66	+0,224	23 27 53,88	1830	Jan. 0	— 2,09	—0,128	23 27 32,10
	Apr. 10	+ 5,12	+0,313	53,54		Apr. 10	— 3,65	—0,223	32,11
	Jul. 19	+ 6,53	+0,400	53,13		Jul. 19	— 5,17	—0,316	32,21
	Oct. 27	+ 7,90	+0,483	52,65		Oct. 27	— 6,65	—0,407	32,38
	Dec. 66	+ 9,22	+0,564	52,11		Dec. 66	— 8,08	—0,494	32,63
1822	Jan. 0	+ 8,77	+0,536	23 27 52,30	1831	Jan. 0	— 7,60	—0,465	23 27 32,53
	Apr. 10	+10,03	+0,613	51,71		Apr. 10	— 8,98	—0,550	32,82
	Jul. 19	+11,20	+0,685	51,08		Jul. 19	—10,26	—0,628	33,18
	Oct. 27	+12,28	+0,751	50,38		Oct. 27	—11,46	—0,701	33,59
	Dec. 66	+13,28	+0,812	49,62		Dec. 66	—12,57	—0,769	34,07
1823	Jan. 0	+12,95	+0,792	23 27 49,89	1832	Jan. 1	—12,20	—0,746	23 27 33,90
	Apr. 10	+13,87	+0,848	49,10		Apr. 10	—13,23	—0,809	34,41
	Jul. 19	+14,67	+0,897	48,28		Jul. 19	—14,14	—0,864	34,97
	Oct. 27	+15,35	+0,939	47,42		Oct. 27	—14,92	—0,912	35,56
	Dec. 66	+15,92	+0,973	46,52		Dec. 66	—15,58	—0,953	36,20
1824	Jan. 1	+15,74	+0,962	23 27 46,84	1833	Jan. 0	—15,37	—0,940	23 27 35,98
	Apr. 10	+16,21	+0,991	45,92		Apr. 10	—15,93	—0,974	36,64
	Jul. 19	+16,54	+1,011	45,00		Jul. 19	—16,35	—1,000	37,31
	Oct. 27	+16,73	+1,023	44,05		Oct. 27	—16,63	—1,017	38,00
	Dec. 66	+16,79	+1,027	43,09		Dec. 66	—16,77	—1,026	38,71
1825	Jan. 0	+16,79	+1,026	23 27 43,42	1834	Jan. 0	—16,74	—1,024	23 27 38,46
	Apr. 10	+16,74	+1,024	42,47		Apr. 10	—16,78	—1,026	39,17
	Jul. 19	+16,56	+1,013	41,52		Jul. 19	—16,69	—1,020	39,87
	Oct. 27	+16,23	+0,993	40,59		Oct. 27	—16,45	—1,006	40,56
	Dec. 66	+15,76	+0,964	39,67		Dec. 66	—16,07	—0,983	41,24
1826	Jan. 0	+15,94	+0,975	23 27 39,98	1835	Jan. 0	—16,21	—0,992	23 27 41,01
	Apr. 10	+15,38	+0,940	39,07		Apr. 10	—15,75	—0,963	41,67
	Jul. 19	+14,69	+0,898	38,20		Jul. 19	—15,15	—0,927	42,30
	Oct. 27	+13,86	+0,848	37,37		Oct. 27	—14,43	—0,883	42,90
	Dec. 66	+12,91	+0,789	36,67		Dec. 66	—13,57	—0,831	43,47
1827	Jan. 0	+13,25	+0,810	23 27 36,84	1836	Jan. 1	—13,89	—0,849	23 27 43,28
	Apr. 10	+12,22	+0,748	36,07		Apr. 10	—12,97	—0,793	43,81
	Jul. 19	+11,10	+0,679	35,37		Jul. 19	—11,96	—0,731	44,29
	Oct. 27	+ 9,87	+0,604	34,72		Oct. 27	—10,84	—0,663	44,72
	Dec. 66	+ 8,54	+0,522	34,13		Dec. 66	— 9,63	—0,589	45,10
1828	Jan. 1	+ 9,00	+0,551	23 27 34,33	1837	Jan. 0	—10,05	—0,615	23 27 44,98
	Apr. 10	+ 7,63	+0,467	33,79		Apr. 10	— 8,80	—0,538	45,31
	Jul. 19	+ 6,19	+0,379	33,32		Jul. 19	— 7,48	—0,457	45,58
	Oct. 27	+ 4,70	+0,287	32,92		Oct. 27	— 6,09	—0,373	45,79
	Dec. 66	+ 3,14	+0,192	32,60		Dec. 66	— 4,65	—0,284	45,93

Tabula IV. *continuata.*

		Long.	A. R.	Obl. Ecl.			Long.	A. R.	Obl. Ecl.
		"	"	° ' "			"	"	° ' "
1838	Jan. 0	— 5,15	—0,315	23 27 45,89	1844	Jan. 1	+16,68	+1,020	23 27 33,57
	Apr. 10	— 3,69	—0,226	45,98		Apr. 10	+16,44	+1,005	32,62
	Jul. 19	— 2,21	—0,135	46,00		Jul. 19	+16,05	+0,982	31,69
	Oct. 27	— 0,70	—0,043	45,94		Oct. 27	+15,53	+0,950	30,79
	Dec. 66	+ 0,82	+0,050	45,81		Dec. 66	+14,86	+0,909	29,90
1839	Jan. 0	+ 0,30	+0,018	23 27 45,87	1845	Jan. 0	+15,11	+0,924	23 27 30,20
	Apr. 10	+ 1,81	+0,111	45,69		Apr. 10	+14,36	+0,878	29,34
	Jul. 19	+ 3,30	+0,202	45,44		Jul. 19	+13,48	+0,825	28,52
	Oct. 27	+ 4,76	+0,291	45,12		Oct. 27	+12,49	+0,764	27,75
	Dec. 66	+ 6,20	+0,379	44,72		Dec. 66	+11,37	+0,696	27,03
1840	Jan. 1	+ 5,71	+0,349	23 27 44,87	1846	Jan. 0	+11,77	+0,720	23 27 27,27
	Apr. 10	+ 7,11	+0,435	44,43		Apr. 10	+10,59	+0,648	26,59
	Jul. 19	+ 8,45	+0,517	43,93		Jul. 19	+ 9,33	+0,570	25,97
	Oct. 27	+ 9,72	+0,595	43,36		Oct. 27	+ 7,98	+0,488	25,41
	Dec. 66	+10,93	+0,669	42,73		Dec. 66	+ 6,54	+0,400	24,92
1841	Jan. 0	+10,53	+0,644	23 27 42,95	1847	Jan. 0	+ 7,04	+0,430	23 27 25,08
	Apr. 10	+11,67	+0,713	42,28		Apr. 10	+ 5,57	+0,340	24,64
	Jul. 19	+12,71	+0,777	41,56		Jul. 19	+ 4,06	+0,248	24,27
	Oct. 27	+13,65	+0,835	40,79		Oct. 27	+ 2,51	+0,153	23,98
	Dec. 66	+14,49	+0,886	39,98		Dec. 66	+ 0,92	+0,056	23,77
1842	Jan. 0	+14,22	+0,869	23 27 40,26	1848	Jan. 1	+ 1,46	+0,090	23 27 23,83
	Apr. 10	+14,97	+0,916	39,41		Apr. 10	— 0,12	—0,007	23,67
	Jul. 19	+15,60	+0,954	38,54		Jul. 19	— 1,70	—0,104	23,60
	Oct. 27	+16,10	+0,985	37,64		Oct. 27	— 3,26	—0,200	23,59
	Dec. 66	+16,47	+1,007	36,71		Dec. 66	— 4,82	—0,295	23,67
1843	Jan. 0	+16,36	+1,001	23 27 37,03	1849	Jan. 0	— 4,29	—0,262	23 27 23,64
	Apr. 10	+16,64	+1,018	36,09		Apr. 10	— 5,80	—0,355	23,77
	Jul. 19	+16,77	+1,026	35,15		Jul. 19	— 7,25	—0,443	23,97
	Oct. 27	+16,77	+1,025	34,20		Oct. 27	— 8,64	—0,528	24,24
	Dec. 66	+16,62	+1,016	33,24		Dec. 66	— 9,97	—0,610	24,58

Obliquitas Ecliptices media, in hac tabula adhibita.

			Anni	Variat.
1750	23° 28′ 17″,65			
1760	28 13,08		1	— 0″,457
1770	28 8,51		2	— 0,914
1780	28 3,94		3	— 1,371
1790	27 59,37		4	— 1,828
1800	27 54,80		5	— 2,285
1810	27 50,23		6	— 2,742
1820	27 45,66		7	— 3,199
1830	27 41,09		8	— 3,656
1840	27 36,52		9	— 4,113
1850	27 31,95		10	— 4,570

Tabula V.

Nutatio Solaris in Longitudine atque Obliquitate Ecliptices.

		Long.	Obl.
		"	"
Jan.	0	+ 0,46	— 0,54
	10	+ 0,87	— 0,44
	20	+ 1,17	— 0,28
	30	+ 1,32	— 0,09
Febr.	9	+ 1,31	+ 0,11
	19	+ 1,14	+ 0,30
Mart.	1	+ 0,83	+ 0,45
	11	+ 0,42	+ 0,55
	21	— 0,04	+ 0,58
	31	— 0,48	+ 0,54
Apr.	10	— 0,88	+ 0,44
	20	— 1,16	+ 0.29
	30	— 1,32	+ 0,10
Maj.	10	— 1,32	— 0,09
	20	— 1,17	— 0,28
	30	— 0,90	— 0,43
Jun.	9	— 0,53	— 0,53
	19	— 0,10	— 0,58
	29	+ 0,35	— 0,56
Jul.	9	+ 0,75	— 0,48
	19	+ 1,07	— 0,35
	29	+ 1,27	— 0,18
Aug.	8	+ 1,34	+ 0,01
	18	+ 1,25	+ 0,20
	28	+ 1,02	+ 0,37
Sept.	7	+ 0,68	+ 0,50
	17	+ 0,26	+ 0,57
	27	— 0,20	+ 0,57
Oct.	7	— 0,63	+ 0,51
	17	— 0,99	+ 0,39
	27	— 1,24	+ 0,22
Nov.	6	— 1,34	+ 0,02
	16	— 1,27	— 0,18
	26	— 1,05	— 0,36
Dec.	6	— 0,70	— 0,50
	16	— 0,26	— 0,57
	26	+ 0,22	— 0,57
	36	+ 0,66	— 0,50

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabula VI.

Adscensio recta media Solis pro mediis meridiebus anni ficti, addita Nutatione Solari.

	Januarius.	Februarius.	Martius.	Aprilis.
	h ′ ″	h ′ ″	h ′ ″	h ′ ″
0	18 40 0,028	20 42 13,297	22 32 36,818	0 34 49,952
1	43 56,586	46 9,853	36 33,372	38 46,504
2	47 53,144	50 6,408	40 29,925	42 43,057
3	51 49,702	54 2,963	44 26.478	46 39,610
4	55 46,260	57 59,519	48 23,031	50 36,163
5	59 42,818	21 1 56,074	52 19,584	54 32,716
6	19 3 39,376	5 52,629	56 16,136	58 29,269
7	7 35,933	9 49,184	23 0 12,689	1 2 25,822
8	11 32,491	13 45,739	4 9,242	6 22,375
9	15 29,049	17 42,294	8 5,795	10 18,928
10	19 25,606	21 38,849	12 2,347	14 15,481
11	23 22,164	25 35,403	15 58,900	18 12,035
12	27 18,721	29 31,958	19 55,453	22 8,588
13	31 15,279	33 28,512	23 52,005	26 5,141
14	35 11,836	37 25,067	27 48,558	30 1,695
15	39 8,393	41 21,621	31 45,110	33 58,248
16	43 4,950	45 18,175	35 41,663	37 54,802
17	47 1,508	49 14,729	39 38,216	41 51,356
18	50 58,065	53 11,283	43 34,768	45 47,909
19	54 54,621	57 7,837	47 31,321	49 44,463
20	58 51,178	22 1 4,391	51 27,873	53 41,017
21	20 2 47,735	5 0,945	55 24,426	57 37,571
22	6 44,292	8 57,498	59 20,978	2 1 34,125
23	10 40,848	12 54,052	0 3 17,530	5 30,679
24	14 37,405	16 50,605	7 14,083	9 27,234
25	18 33,961	20 47,159	11 10,636	13 23,788
26	22 30,517	24 43,712	15 7,188	17 20,343
27	26 27,073	28 40,265	19 3,741	21 16,897
28	30 23,629	32 36,818	23 0,294	25 13.452
29	34 20,185		26 56,846	29 10,006
30	38 16,741		30 53,399	33 6,561
31	42 13,297		34 49,952	

In menss. Jan. et Febr. annorum bissext. legitur dies insequens.

Tabula VI. *continuata.*

Adscensio recta media Solis, pro mediis meridiebus anni ficti, addita Nutatione Solari.

	Majus.	Junius.	Julius.	Augustus.
	h ′ ″	h ′ ″	h ′ ″	h ′ ″
0	2 33 6,561	4 35 19,804	6 33 36,541	8 35 49,813
1	37 3,116	39 16,362	37 33,099	39 46,369
2	40 59,671	43 12,919	41 29,657	43 42,925
3	44 56,226	47 9,477	45 26,215	47 39,480
4	48 52,781	51 6,035	49 22,773	51 36,036
5	52 49,337	55 2,592	53 19,331	55 32,592
6	56 45,892	58 59,150	57 15,889	59 29,147
7	3 0 42,448	5 2 55,708	7 1 12,446	9 3 25,702
8	4 39,003	6 52,265	5 9,004	7 22,258
9	8 35,559	10 48,823	9 5,562	11 18,813
10	12 32,114	14 45,381	13 2,119	15 15,368
11	16 28,670	18 41,939	16 58,677	19 11,923
12	20 25,226	22 38,497	20 55,234	23 8,478
13	24 21,782	26 35,055	24 51,792	27 5,033
14	28 18,338	30 31,613	28 48,349	31 1,588
15	32 14,895	34 28,171	32 44,906	34 58,143
16	36 11,451	38 24,729	36 41,463	38 54,697
17	40 8,007	42 21,287	40 38,021	42 51,252
18	44 4,564	46 17,845	44 34,578	46 47,806
19	48 1,120	50 14,403	48 31,135	50 44,361
20	51 57,677	54 10,961	52 27,692	54 40,915
21	55 54,233	58 7,519	56 24,249	58 37,469
22	59 50,790	6 2 4,077	8 0 20.805	10 2 34,023
23	4 3 47,347	6 0,635	4 17,362	6 30,577
24	7 43,904	9 57,193	8 13,919	10 27,131
25	11 40,461	13 53,751	12 10,475	14 23,685
26	15 37,018	17 50,309	16 7,032	18 20,239
27	19 33,575	21 46,867	20 3,588	22 16,792
28	23 30,132	25 43,426	24 0,144	26 13,346
29	27 26,690	29 39,984	27 56,701	30 9,899
30	31 23,247	33 36,541	31 53,257	34 6,453
31	35 19,804		35 49,813	38 3,006

Tabula VI. *continuata.*

Adscensio recta media Solis, pro mediis meridiebus anni ficti, addita Nutatione Solari.

	September.	October.	November.	December.
	h ′ ″	h ′ ″	h ′ ″	h ′ ″
0	10 38 3,006	12 36 19,590	14 38 32,746	16 36 49,430
1	41 59,560	40 16,142	42 29,301	40 45,987
2	45 56,113	44 12,695	46 25,856	44 42,545
3	49 52,666	48 9,248	50 22,411	48 39,102
4	53 49,219	52 5,800	54 18,966	52 35,660
5	57 45,772	56 2,353	58 15,521	56 32,218
6	11 1 42,326	59 58,906	15 2 12,076	17 0 28,775
7	5 38,878	13 3 55,459	6 8,631	4 25,333
8	9 35,431	7 52,012	10 5,187	8 21,891
9	13 31,984	11 48,565	14 1,742	12 18,449
10	17 28,537	15 45,118	17 58,298	16 15,007
11	21 25,090	19 41,671	21 54,853	20 11,565
12	25 21,643	23 38,224	25 51,409	24 8,123
13	29 18,196	27 34,777	29 47,965	28 4,681
14	33 14,748	31 31,330	33 44,521	32 1,239
15	37 11,301	35 27,883	37 41,077	35 57,798
16	41 7,854	39 24,437	41 37,633	39 54,356
17	45 4,406	43 20,990	45 34,190	43 50,914
18	49 0,959	47 17,544	49 30,746	47 47,472
19	52 57,511	51 14,097	53 27,302	51 44,030
20	56 54,064	55 10,651	57 23,859	55 40,589
21	12 0 50,617	59 7,204	16 1 20,416	59 37,147
22	4 47,169	14 3 3,758	5 16,972	18 3 33,705
23	8 43,722	7 0,312	9 13,529	7 30,263
24	12 40,274	10 56,866	13 10,086	11 26,822
25	16 36,827	14 53,420	17 6,643	15 23,380
26	20 33,379	18 49,974	21 3,200	19 19,938
27	24 29,932	22 46,528	24 59,758	23 16,496
28	28 26,484	26 43,083	28 56,315	27 13,055
29	32 23,037	30 39,637	32 52,872	31 9,613
30	36 19,590	34 36,192	36 49,430	35 6,171
31		38 32,746		39 2,729

Tabula VII.

Motus Adscensionis rectae mediae Solis pro Horis, Minutis et Secundis et Temporis solaris medii et Temporis sideralis.

Horae

h	temporis med. ′ ″	temporis sid. ′ ″
0	0 0,000	0 0,000
1	0 9,856	0 9,830
2	0 19,713	0 19,659
3	0 29,569	0 29,489
4	0 39,426	0 39,318
5	0 49,282	0 49,148
6	0 59,139	0 58,977
7	1 8,995	1 8,807
8	1 18,852	1 18,636
9	1 28,708	1 28,466
10	1 38,565	1 38,296
11	1 48,421	1 48,125
12	1 58,278	1 57,955
13	2 8,134	2 7,784
14	2 17,991	2 17,614
15	2 27,847	2 27,443
16	2 37,704	2 37,273
17	2 47,560	2 47,103
18	2 57,417	2 56,932
19	3 7,273	3 6,762
20	3 17,129	3 16,591
21	3 26,986	3 26,421
22	3 36,842	3 36,250
23	3 46,699	3 46,080
24	3 56,555	3 55,909
25	4 6,412	4 5,739
26	4 16,268	4 15,569
27	4 26,125	4 25,398
28	4 35,981	4 35,228
29	4 45,838	4 45,057
30	4 55,694	4 54,887

Minuta

′	temporis med. ″	temporis sid. ″
1	0,164	0,164
2	0,329	0,328
3	0,493	0,491
4	0,657	0,655
5	0,821	0,819
6	0,986	0,983
7	1,150	1,147
8	1,314	1,311
9	1,478	1,474
10	1,643	1,638
11	1,807	1,802
12	1,971	1,966
13	2,136	2,130
14	2,300	2,294
15	2,464	2,457
16	2,628	2,621
17	2,793	2,785
18	2,957	2,949
19	3,121	3,113
20	3,285	3,277
21	3,450	3,440
22	3,614	3,604
23	3,778	3,768
24	3,943	3,932
25	4,107	4,096
26	4,271	4,259
27	4,435	4,423
28	4,600	4,587
29	4,764	4,751
30	4,928	4,915
31	5,093	5,079
32	5,257	5,242
33	5,421	5,406
34	5,585	5,570
35	5,750	5,734
36	5,914	5,898
37	6,078	6,062
38	6,242	6,225
39	6,407	6,389
40	6,571	6,553
41	6,735	6,717
42	6,900	6,881
43	7,064	7,045
44	7,228	7,208
45	7,392	7,372
46	7,557	7,536
47	7,721	7,700
48	7,885	7,864
49	8,049	8,027
50	8,214	8,191
51	8,378	8,355
52	8,542	8,519
53	8,707	8,683
54	8,871	8,847
55	9,035	9,010
56	9,199	9,174
57	9,364	9,338
58	9,528	9,502
59	9,692	9,666
60	9,856	9,830

Secunda

″	temporis med. ″	temporis sid. ″
1	0,003	0,003
2	0,005	0,005
3	0,008	0,008
4	0,011	0,011
5	0,014	0,014
6	0,016	0,016
7	0,019	0,019
8	0,022	0,022
9	0,025	0,025
10	0,027	0,027
11	0,030	0,030
12	0,033	0,033
13	0,036	0,035
14	0,038	0,038
15	0,041	0,041
16	0,044	0,044
17	0,047	0,046
18	0,049	0,049
19	0,052	0,052
20	0,055	0,055
21	0,057	0,057
22	0,060	0,060
23	0,063	0,063
24	0,066	0,066
25	0,068	0,068
26	0,071	0,071
27	0,074	0,074
28	0,077	0,076
29	0,079	0,079
30	0,082	0,082
31	0,085	0,085
32	0,088	0,087
33	0,090	0,090
34	0,093	0,093
35	0,096	0,096
36	0,099	0,098
37	0,101	0,101
38	0,104	0,104
39	0,107	0,106
40	0,110	0,109
41	0,112	0,112
42	0,115	0,115
43	0,118	0,117
44	0,120	0,120
45	0,123	0,123
46	0,126	0,126
47	0,129	0,128
48	0,131	0,131
49	0,134	0,134
50	0,137	0,137
51	0,140	0,139
52	0,142	0,142
53	0,145	0,145
54	0,148	0,147
55	0,151	0,150
56	0,153	0,153
57	0,156	0,156
58	0,159	0,158
59	0,162	0,161
60	0,164	0,164

Tabula VIII.

Valores quantitatum ad computationem locorum apparentium Stellarum fixarum generaliter inservientium,

pro Saeculo 1750 — 1850.

Tabella subsidiaria pro formatione argumenti Tabulae sequentis.

$g' =$ Tempus sidereum $+ 5^h 20'$.

Temp. sidereum. Horis	Temp. sidereum. Grad.	g'	Temp. sidereum. Horis	Temp. sidereum. Grad.	g'	Temp. sidereum. Horis	Temp. sidereum. Grad.	g'
h ′	°		h ′	°		h ′	°	
18 40,0	280,0	0,00	2 35,2	38,8	0,33	10 30,4	157,6	0,66
54,4	283,6	0,01	49,6	42,4	0,34	44,8	161,2	0,67
19 8,8	287,2	0,02	3 4,0	46,0	0,35	59,2	164,8	0,68
23,2	290,8	0,03	18,4	49,6	0,36	11 13,6	168,4	0,69
37,6	294,4	0,04	32,8	53,2	0,37	28,0	172,0	0,70
52,0	298,0	0,05	47,2	56,8	0,38	42,4	175,6	0,71
20 6,4	301,6	0,06	4 1,6	60,4	0,39	56,8	179,2	0,72
20,8	305,2	0,07	16,0	64,0	0,40	12 11,2	182,8	0,73
35,2	308,8	0,08	30,4	67,6	0,41	25,6	186,4	0,74
49,6	312,4	0,09	44,8	71,2	0,42	40,0	190,0	0,75
21 4,0	316,0	0,10	59,2	74,8	0,43	54,4	193,6	0,76
18,4	319,6	0,11	5 13,6	78,4	0,44	13 8,8	197,2	0,77
32,8	323,2	0,12	28,0	82,0	0,45	23,2	200,8	0,78
47,2	326,8	0,13	42,4	85,6	0,46	37,6	204,4	0,79
22 1,6	330,4	0,14	56,8	89,2	0,47	52,0	208,0	0,80
16,0	334,0	0,15	6 11,2	92,8	0,48	14 6,4	211,6	0,81
30,4	337,6	0,16	25,6	96,4	0,49	20,8	215,2	0,82
44,8	341,2	0,17	40,0	100,0	0,50	35,2	218,8	0,83
59,2	344,8	0,18	54,4	103,6	0,51	49,6	222,4	0,84
23 13,6	348,4	0,19	7 8,8	107,2	0,52	15 4,0	226,0	0,85
28,0	352,0	0,20	23,2	110,8	0,53	18,4	229,6	0,86
42,4	355,6	0,21	37,6	114,4	0,54	32,8	233,2	0,87
56,8	359,2	0,22	52,0	118,0	0,55	47,2	236,8	0,88
0 11,2	2,8	0,23	8 6,4	121,6	0,56	16 1,6	240,4	0,89
25,6	6,4	0,24	20,8	125,2	0,57	16,0	244,0	0,90
40,0	10,0	0,25	35,2	128,8	0,58	30,4	247,6	0,91
54,4	13,6	0,26	49,6	132,4	0,59	44,8	251,2	0,92
1 8,8	17,2	0,27	9 4,0	136,0	0,60	59,2	254,8	0,93
23,2	20,8	0,28	18,4	139,6	0,61	17 13,6	258,4	0,94
37,6	24,4	0,29	32,8	143,2	0,62	28,0	262,0	0,95
52,0	28,0	0,30	47,2	146,8	0,63	42,4	265,6	0,96
2 6,4	31,6	0,31	10 1,6	150,4	0,64	56,8	269,2	0,97
20,8	35,2	0,32	16,0	154,0	0,65	18 11,2	272,8	0,98
35,2	38,8	0,33	30,4	157,6	0,66	25,6	276,4	0,99

Si locus fixae quaeritur pro tempore siderali $= g$, Argumentum Tabulae sequentis est:

dies reductus (*Tabb. I et II*) $+ g' + i$

$i = 0$ ab initio anni usque ad tempus ubi $A.R.\odot = g$, postea vero $= + 1$.

Tabula VIII.

1750.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,5255	0,0599 *n*	0,5109 *n*	1,2998	— ∞	+ 0,06″
10	9,5698	0,0682 *n*	0,8076 *n*	1,2789	8,4362	+ 0,07
20	9,6077	0,0958 *n*	0,9728 *n*	1,2424	8,7373	+ 0,07
30	9,6396	0,1330 *n*	1,0816 *n*	1,1876	8,9134	+ 0,07
Febr. 9	9,6663	0,1704 *n*	1,1571 *n*	1,1091	9,0383	+ 0,07
19	9,6886	0,2008 *n*	1,2094 *n*	0,9967	9,1352	+ 0,07
Mart. 1	9,7075	0,2195 *n*	1,2438 *n*	0,8263	9,2144	+ 0,07
11	9,7239	0,2233 *n*	1,2632 *n*	0,5178	9,2813	+ 0,07
21	9,7390	0,2098 *n*	1,2690 *n*	9,2860 *n*	9,3393	+ 0,06
31	9,7536	0,1765 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,06
Apr. 10	9,7686	0,1202 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,06
20	9,7845	0,0358 *n*	1,2068 *n*	1,0046 *n*	9,4776	+ 0,06
30	9,8016	9,9143 *n*	1,1557 *n*	1,1112 *n*	9,5154	+ 0,06
Maj. 10	9,8200	9,7359 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,06
20	9,8395	9,4442 *n*	0,9826 *n*	1,2390 *n*	9,5824	+ 0,06
30	9,8597	8,6256 *n*	0,8344 *n*	1,2750 *n*	9,6123	+ 0,06
Jun. 9	9,8801	9,1665	0,5880 *n*	1,2969 *n*	9,6404	+ 0,06
19	9,9002	9,4434	9,9110 *n*	1,3061 *n*	9,6667	+ 0,06
29	9,9195	9,5382	0,3546	1,3033 *n*	9,6915	+ 0,07
Jul. 9	9,9376	9.5461	0,7224	1,2883 *n*	9,7150	+ 0,07
19	9,9543	9,4842	0,9111	1,2601 *n*	9,7373	+ 0,07
29	9,9692	9,3401	1,0335	1,2170 *n*	9,7585	+ 0,07
Aug. 8	9,9825	9,0480	1,1193	1,1553 *n*	9,7787	+ 0,07
18	9,9940	7,6151	1,1807	1,0685 *n*	9,7980	+ 0,07
28	0,0040	8,9176 *n*	1,2238	0,9435 *n*	9,8164	+ 0,07
Sept. 7	0,0127	9,1126 *n*	1,2518	0,7473 *n*	9,8342	+ 0,07
17	0,0206	9,0833 *n*	1,2664	0,3464 *n*	9,8512	+ 0,07
27	0,0281	8,6819 *n*	1,2682	0,0900	9,8676	+ 0,06
Oct. 7	0,0356	8,9632	1,2572	0,6688	9,8834	+ 0,06
17	0,0434	9,4670	1,2324	0,9020	9,8986	+ 0,06
27	0,0520	9,7344	1,1919	1,0444	9,9134	+ 0,06
Nov. 6	0,0615	9,9142	1,1321	1,1415	9,9276	+ 0,06
16	0,0719	0,0431	1,0466	1,2100	9,9414	+ 0,06
26	0,0832	0,1363	0,9219	1,2575	9,9547	+ 0,06
Dec. 6	0,0952	0,2017	0,7250	1,2880	9,9677	+ 0,06
16	0,1074	0,2439	0,3200	1,3038	9,9803	+ 0,06
26	0,1195	0,2662	0,0793 *n*	1,3056	9,9925	+ 0,06
36	0,1312	0,2710	0,6488 *n*	1,2937	0,0044	+ 0,07

Tabula VIII.

1751.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,5306	0,2711	0,5109 *n*	1,2998	$-\infty$	+ 0″,07
10	9,5732	0,2662	0,8076 *n*	1,2789	8,4362	+ 0,07
20	9,6097	0,2479	0,9728 *n*	1,2424	8,7373	+ 0,07
30	9,6404	0,2199	1,0816 *n*	1,1876	8,9134	+ 0,07
Febr. 9	9,6661	0,1869	1,1570 *n*	1,1091	9,0383	+ 0,07
19	9,6875	0,1555	1,2094 *n*	0,9967	9,1352	+ 0,07
Mart. 1	9,7055	0,1338	1,2438 *n*	0,8263	9,2144	+ 0,07
11	9,7212	0,1290	1,2632 *n*	0,5179	9,2813	+ 0,06
21	9,7356	0,1450	1,2690 *n*	9,2858 *n*	9,3393	+ 0,06
31	9,7495	0,1805	1,2618 *n*	0,5630 *n*	9,3905	+ 0,06
Apr. 10	9,7639	0,2296	1,2415 *n*	0,8446 *n*	9,4362	+ 0,06
20	9,7792	0,2852	1,2068 *n*	1,0046 *n*	9,4776	+ 0,06
30	9,7958	0,3408	1,1557 *n*	1,1112 *n*	9,5154	+ 0,06
Maj. 10	9,8137	0,3921	1,0836 *n*	1,1861 *n*	9,5502	+ 0,06
20	9,8328	0,4363	0,9826 *n*	1,2390 *n*	9,5824	+ 0,06
30	9,8527	0,4719	0,8344 *n*	1,2750 *n*	9,6123	+ 0,06
Jun. 9	9,8728	0,4984	0,5880 *n*	1,2969 *n*	9,6404	+ 0,06
19	9,8927	0,5157	9,9109 *n*	1,3061 *n*	9,6667	+ 0,06
29	9,9118	0,5241	0,3546	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9297	0,5245	0,7224	1,2883 *n*	9,7150	+ 0,06
19	9,9461	0,5179	0,9111	1,2601 *n*	9,7373	+ 0,06
29	9,9609	0,5059	1,0335	1,2170 *n*	9,7585	+ 0,06
Aug. 8	9,9739	0,4906	1,1193	1,1553 *n*	9,7787	+ 0,06
18	9,9851	0,4746	1,1807	1,0685 *n*	9,7980	+ 0,06
28	9,9949	0,4610	1,2238	0,9435 *n*	9,8164	+ 0,06
Sept. 7	0,0034	0,4532	1,2518	0,7473 *n*	9,8342	+ 0,06
17	0,0110	0,4537	1,2664	0,3464 *n*	9,8512	+ 0,06
27	0,0183	0,4639	1,2682	0,0900	9,8676	+ 0,06
Oct. 7	0,0255	0,4835	1,2572	0,6688	9,8834	+ 0,06
17	0,0331	0,5105	1,2324	0,9020	9,8986	+ 0,06
27	0,0415	0,5419	1,1919	1,0444	9,9134	+ 0,05
Nov. 6	0,0508	0,5746	1,1321	1,1415	9,9276	+ 0,05
16	0,0611	0,6054	1,0466	1,2100	9,9414	+ 0,05
26	0,0723	0,6323	0,9219	1,2575	9,9547	+ 0,05
Dec. 6	0,0842	0,6536	0,7250	1,2880	9,9677	+ 0,06
16	0,0964	0,6683	0,3201	1,3038	9,9803	+ 0,06
26	0,1085	0,6761	0,0793 *n*	1,3056	9,9925	+ 0,06
36	0,1201	0,6772	0,6487 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1752.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,4851	0,6775	0,5109 *n*	1,2998	— ∞	+ 0″,06
11	9,5309	0,6749	0,8075 *n*	1,2789	8,4362	+ 0,06
21	9,5698	0,6670	0,9728 *n*	1,2424	8,7373	+ 0,06
31	9,6023	0,6557	1,0816 *n*	1,1876	8,9134	+ 0,06
Febr. 10	9,6292	0,6430	1,1570 *n*	1,1091	9,0383	+ 0,06
20	9,6515	0,6314	1,2094 *n*	0,9967	9,1352	+ 0,06
Mart. 1	9,6702	0,6233	1,2438 *n*	0,8263	9,2144	+ 0,06
11	9,6863	0,6207	1,2632 *n*	0,5179	9,2813	+ 0,06
21	9,7009	0,6250	1,2690 *n*	9,2857 *n*	9,3393	+ 0,06
31	9,7152	0,6360	1,2618 *n*	0,5630 *n*	9,3905	+ 0,05
Apr. 10	9,7299	0,6528	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
20	9,7457	0,6736	1,2068 *n*	1,0046 *n*	9,4776	+ 0,05
30	9,7629	0,6963	1,1557 *n*	1,1112 *n*	9,5154	+ 0,05
Maj. 10	9,7815	0,7187	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8014	0,7392	0,9826 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8220	0,7565	0,8344 *n*	1,2750 *n*	9,6123	+ 0,05
Jun. 9	9,8430	0,7695	0,5880 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8637	0,7780	9,9108 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,8835	0,7818	0,3547	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9021	0,7811	0,7224	1,2883 *n*	9,7150	+ 0,05
19	9,9191	0,7765	0,9111	1,2601 *n*	9,7373	+ 0,05
29	9,9343	0,7689	1,0335	1,2170 *n*	9,7585	+ 0,05
Aug. 8	9,9476	0,7596	1,1193	1,1553 *n*	9,7787	+ 0,05
18	9,9592	0,7500	1,1807	1,0685 *n*	9,7980	+ 0,05
28	9,9691	0,7418	1,2238	0,9435 *n*	9,8164	+ 0,05
Sept. 7	9,9777	0,7366	1,2518	0,7473 *n*	9,8342	+ 0,05
17	9,9854	0,7357	1,2664	0,3464 *n*	9,8512	+ 0,05
27	9,9926	0,7399	1,2682	0,0901	9,8676	+ 0,05
Oct. 7	9,9999	0,7492	1,2572	0,6688	9,8834	+ 0,05
17	0,0076	0,7630	1,2324	0,9020	9,8986	+ 0,04
27	0,0161	0,7797	1,1919	1,0444	9,9134	+ 0,04
Nov. 6	0,0256	0,7978	1,1321	1,1415	9,9276	+ 0,04
16	0,0362	0,8155	1,0466	1,2100	9,9414	+ 0,04
26	0,0477	0,8313	0,9220	1,2575	9,9547	+ 0,04
Dec. 6	0,0599	0,8438	0,7250	1,2880	9,9677	+ 0,04
16	0,0725	0,8524	0,3201	1,3038	9,9803	+ 0,04
26	0,0849	0,8565	0,0792 *n*	1,3056	9,9925	+ 0,05
36	0,0969	0,8562	0,6487 *n*	1,2937	0,0044	+ 0,05

Tabula VIII.

1753.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,3753	0,8568	0,5109 n	1,2998	— ∞	+ 0,05″
10	9,4320	0,8540	0,8075 n	1,2789	8,4362	+ 0,05
20	9,4790	0,8478	0,9728 n	1,2424	8,7373	+ 0,05
30	9,5177	0,8393	1,0816 n	1,1876	8,9134	+ 0,05
Febr. 9	9,5494	0,8299	1,1570 n	1,1091	9,0383	+ 0,05
19	9,5749	0,8212	1,2094 n	0,9967	9,1352	+ 0,05
Mart. 1	9,5961	0,8147	1,2438 n	0,8263	9,2144	+ 0,04
11	9,6143	0,8119	1,2632 n	0,5179	9,2813	+ 0,04
21	9,6307	0,8134	1,2690 n	9,2856 n	9,3393	+ 0,04
31	9,6466	0,8193	1,2618 n	0,5630 n	9,3905	+ 0,04
Apr. 10	9,6631	0,8292	1,2415 n	0,8446 n	9,4362	+ 0,04
20	9,6807	0,8420	1,2068 n	1,0046 n	9,4776	+ 0,03
30	9,6999	0,8564	1,1557 n	1,1112 n	9,5154	+ 0,03
Maj. 10	9,7207	0,8709	1,0836 n	1,1861 n	9,5502	+ 0,03
20	9,7429	0,8843	0,9825 n	1,2390 n	9,5824	+ 0,03
30	9,7659	0,8956	0,8344 n	1,2750 n	9,6123	+ 0,03
Jun. 9	9,7891	0,9040	0,5880 n	1,2969 n	9,6404	+ 0,03
19	9,8119	0,9092	9,9107 n	1,3061 n	9,6667	+ 0,04
29	9,8338	0,9109	0,3547	1,3033 n	9,6915	+ 0,04
Jul. 9	9,8541	0,9092	0,7224	1,2883 n	9,7150	+ 0,04
19	9,8726	0,9047	0,9111	1,2601 n	9,7373	+ 0,04
29	9,8891	0,8979	1,0335	1,2170 n	9,7585	+ 0,04
Aug. 8	9,9035	0,8898	1,1193	1,1552 n	9,7787	+ 0,04
18	9,9159	0,8815	1,1807	1,0685 n	9,7980	+ 0,04
28	9,9264	0,8742	1,2238	0,9435 n	9,8164	+ 0,04
Sept. 7	9,9356	0,8691	1,2518	0,7473 n	9,8342	+ 0,03
17	9,9437	0,8672	1,2664	0,3464 n	9,8512	+ 0,03
27	9,9513	0,8690	1,2682	0,0901	9,8676	+ 0,03
Oct. 7	9,9590	0,8746	1,2572	0,6688	9,8834	+ 0,03
17	9,9671	0,8837	1,2324	0,9020	9,8986	+ 0,03
27	9,9761	0,8952	1,1919	1,0444	9,9134	+ 0,02
Nov. 6	9,9862	0,9079	1,1321	1,1415	9,9276	+ 0,02
16	9,9975	0,9205	1,0466	1,2100	9,9414	+ 0,02
26	0,0099	0,9318	0,9220	1,2575	9,9547	+ 0,02
Dec. 6	0,0229	0,9406	0,7250	1,2880	9,9677	+ 0,02
16	0,0363	0,9463	0,3201	1,3038	9,9803	+ 0,03
26	0,0496	0,9484	0,0791 n	1,3056	9,9925	+ 0,03
36	0,0624	0,9471	0,6487 n	1,2937	0,0044	+ 0,03

Tabula VIII.

1754.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,1523	0,9480	0,5108 *n*	1,2998	— ∞	+ 0″,03
10	9,2417	0,9445	0,8075 *n*	1,2789	8,4362	+ 0,03
20	9,3114	0,9383	0,9728 *n*	1,2424	8,7373	+ 0,03
30	9,3660	0,9302	1,0816 *n*	1,1876	8,9134	+ 0,03
Febr. 9	9,4091	0,9213	1,1570 *n*	1,1091	9,0383	+ 0,03
19	9,4433	0,9129	1,2094 *n*	0,9967	9,1352	+ 0,03
Mart. 1	9,4709	0,9064	1,2438 *n*	0,8263	9,2144	+ 0,03
11	9,4943	0,9027	1,2632 *n*	0,5179	9,2813	+ 0,02
21	9,5151	0,9026	1,2690 *n*	9,2855 *n*	9,3393	+ 0,02
31	9,5351	0,9061	1,2618 *n*	0,5630 *n*	9,3905	+ 0,02
Apr. 10	9,5556	0,9129	1,2415 *n*	0,8446 *n*	9,4362	+ 0,02
20	9,5774	0,9221	1,2068 *n*	1,0046 *n*	9,4776	+ 0,01
30	9,6011	0,9328	1,1557 *n*	1,1112 *n*	9,5154	+ 0,01
Maj. 10	9,6266	0,9437	1,0836 *n*	1,1861 *n*	9,5502	+ 0,01
20	9,6535	0,9539	0,9825 *n*	1,2390 *n*	9,5824	+ 0,01
30	9,6812	0,9623	0,8344 *n*	1,2750 *n*	9,6123	+ 0,01
Jun. 9	9,7089	0,9683	0,5880 *n*	1,2969 *n*	9,6404	+ 0,01
19	9,7358	0,9716	9,9107 *n*	1,3061 *n*	9,6667	+ 0,01
29	9,7614	0,9718	0,3547	1,3033 *n*	9,6915	+ 0,02
Jul. 9	9,7850	0,9692	0,7225	1,2883 *n*	9,7150	+ 0,02
19	9,8063	0,9640	0,9111	1,2601 *n*	9,7373	+ 0,02
29	9,8252	0,9568	1,0335	1,2170 *n*	9,7585	+ 0,02
Aug. 8	9,8416	0,9484	1,1193	1,1552 *n*	9,7787	+ 0,02
18	9,8555	0,9398	1,1807	1,0685 *n*	9,7980	+ 0,02
28	9,8674	0,9321	1,2238	0,9435 *n*	9,8164	+ 0,02
Sept. 7	9,8777	0,9262	1,2518	0,7472 *n*	9,8342	+ 0,01
17	9,8867	0,9231	1,2664	0,3464 *n*	9,8512	+ 0,01
27	9,8952	0,9233	1,2682	0,0901	9,8676	+ 0,01
Oct. 7	9,9037	0,9269	1,2572	0,6688	9,8834	+ 0,01
17	9,9128	0,9336	1,2324	0,9020	9,8986	+ 0,01
27	9,9228	0,9425	1,1919	1,0443	9,9134	0,00
Nov. 6	9,9341	0,9526	1,1321	1,1415	9,9276	0,00
16	9,9466	0,9627	1,0466	1,2099	9,9414	0,00
26	9,9603	0,9716	0,9220	1,2575	9,9547	0,00
Dec. 6	9,9748	0,9784	0,7251	1,2880	9,9677	0,00
16	9,9896	0,9823	0,3202	1,3038	9,9803	0,00
26	0,0043	0,9831	0,0791 *n*	1,3056	9,9925	+ 0,01
36	0,0183	0,9805	0,6487 *n*	1,2937	0,0044	+ 0,01

Tabula VIII.

1755.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,4868	0,9819	0,5108 n	1,2998	— ∞	+ 0,01″
10	8,7989	0,9774	0,8075 n	1,2789	8,4362	+ 0,01
20	8,9686	0,9703	0,9728 n	1,2424	8,7373	+ 0,01
30	9,0801	0,9614	1,0815 n	1,1876	8,9134	+ 0,01
Febr. 9	9,1591	0,9518	1,1570 n	1,1091	9,0383	+ 0,01
19	9,2176	0,9426	1,2094 n	0,9967	9,1352	+ 0,01
Mart. 1	9,2627	0,9351	1,2438 n	0,8263	9,2144	+ 0,01
11	9,2994	0,9302	1,2632 n	0,5179	9,2813	0,00
21	9,3312	0,9286	1,2690 n	9,2854 n	9,3393	0,00
31	9,3610	0,9305	1,2618 n	0,5630 n	9,3905	0,00
Apr. 10	9,3910	0,9355	1,2415 n	0,8446 n	9,4362	— 0,01
20	9,4223	0,9428	1,2068 n	1,0046 n	9,4776	— 0,01
30	9,4556	0,9516	1,1556 n	1,1112 n	9,5154	— 0,01
Maj. 10	9,4906	0,9608	1,0836 n	1,1861 n	9,5502	— 0,01
20	9,5268	0,9692	0,9825 n	1,2390 n	9,5824	— 0,01
30	9,5634	0,9760	0,8344 n	1,2750 n	9,6123	— 0,01
Jun. 9	9,5992	0,9805	0,5880 n	1,2969 n	9,6404	— 0,01
19	9,6335	0,9824	9,9106 n	1,3061 n	9,6667	— 0,01
29	9,6655	0,9813	0,3548	1,3033 n	9,6915	— 0,01
Jul. 9	9,6947	0,9774	0,7225	1,2883 n	9,7150	— 0,01
19	9,7208	0,9710	0,9112	1,2601 n	9,7373	0,00
29	9,7436	0,9625	1,0335	1,2170 n	9,7585	0,00
Aug. 8	9,7633	0,9529	1,1193	1,1552 n	9,7787	0,00
18	9,7799	0,9430	1,1807	1,0685 n	9,7980	— 0,01
28	9,7941	0,9338	1,2238	0,9484 n	9,8164	— 0,01
Sept. 7	9,8062	0,9265	1,2518	0,7472 n	9,8342	— 0,01
17	9,8168	0,9219	1,2664	0,3464 n	9,8512	— 0,01
27	9,8268	0,9206	1,2682	0,0901	9,8676	— 0,01
Oct. 7	9,8367	0,9227	1,2572	0,6688	9,8834	— 0,01
17	9,8473	0,9280	1,2324	0,9020	9,8986	— 0,02
27	9,8590	0,9355	1,1919	1,0443	9,9134	— 0,02
Nov. 6	9,8720	0,9444	1,1321	1,1415	9,9276	— 0,02
16	9,8865	0,9532	1,0466	1,2099	9,9414	— 0,02
26	9,9022	0,9610	0,9220	1,2575	9,9547	— 0,02
Dec. 6	9,9188	0,9666	0,7251	1,2880	9,9677	— 0,02
16	9,9357	0,9693	0,3202	1,3038	9,9803	— 0,02
26	9,9523	0,9687	0,0790 n	1,3056	9,9925	— 0,02
36	9,9681	0,9648	0,6487 n	1,2937	0,0044	— 0,02

Tabula VIII.

1756.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	8,9202 *n*	0,9667	0,5108 *n*	1,2998	$-\infty$	$-0{,}02''$
11	8,7061 *n*	0,9607	0,8075 *n*	1,2789	8,4362	−0,01
21	8,3138 *n*	0,9519	0,9728 *n*	1,2424	8,7373	−0,01
31	7,8306	0,9412	1,0815 *n*	1,1876	8,9134	−0,01
Febr. 10	8,4901	0,9297	1,1570 *n*	1,1091	9,0383	−0,01
20	8,7150	0,9185	1,2094 *n*	0,9967	9,1352	−0,02
Mart. 1	8,8459	0,9090	1,2438 *n*	0,8263	9,2144	−0,02
11	8,9367	0,9023	1,2632 *n*	0,5179	9,2813	−0,02
21	9,0076	0,8991	1,2690 *n*	9,2852 *n*	9,3393	−0,02
31	9,0690	0,8995	1,2618 *n*	0,5630 *n*	9,3905	−0,02
Apr. 10	9,1266	0,9033	1,2415 *n*	0,8446 *n*	9,4362	−0,03
20	9,1832	0,9098	1,2068 *n*	1,0046 *n*	9,4776	−0,03
30	9,2399	0,9178	1,1556 *n*	1,1112 *n*	9,5154	−0,03
Maj. 10	9,2964	0,9262	1,0836 *n*	1,1861 *n*	9,5502	−0,03
20	9,3525	0,9338	0,9825 *n*	1,2390 *n*	9,5824	−0,03
30	9,4064	0,9399	0,8344 *n*	1,2750 *n*	9,6123	−0,03
Jun. 9	9,4574	0,9434	0,5879 *n*	1,2969 *n*	9,6404	−0,03
19	9,5047	0,9440	9,9105 *n*	1,3061 *n*	9,6667	−0,03
29	9,5476	0,9415	0,3548	1,3033 *n*	9,6915	−0,03
Jul. 9	9,5859	0,9358	0,7225	1,2883 *n*	9,7150	−0,03
19	9,6195	0,9274	0,9112	1,2601 *n*	9,7373	−0,02
29	9,6484	0,9166	1,0335	1,2170 *n*	9,7585	−0,02
Aug. 8	9,6730	0,9044	1,1193	1,1552 *n*	9,7787	−0,02
18	9,6938	0,8917	1,1807	1,0685 *n*	9,7980	−0,03
28	9,7112	0,8799	1,2238	0,9434 *n*	9,8164	−0,03
Sept. 7	9,7261	0,8700	1,2518	0,7472 *n*	9,8342	−0,03
17	9,7392	0,8631	1,2664	0,3463 *n*	9,8512	−0,03
27	9,7514	0,8600	1,2682	0,0901	9,8676	−0,03
Oct. 7	9,7635	0,8609	1,2572	0,6688	9,8834	−0,04
17	9,7762	0,8653	1,2324	0,9020	9,8986	−0,04
27	9,7903	0,8725	1,1919	1,0443	9,9134	−0,04
Nov. 6	9,8058	0,8812	1,1321	1,1415	9,9276	−0,04
16	9,8229	0,8899	1,0466	1,2099	9,9414	−0,04
26	9,8413	0,8975	0,9220	1,2575	9,9547	−0,04
Dec. 6	9,8606	0,9025	0,7251	1,2880	9,9677	−0,04
16	9,8801	0,9043	0,3202	1,3038	9,9803	−0,04
26	9,8992	0,9022	0,0789 *n*	1,3056	9,9925	−0,04
36	9,9173	0,8962	0,6487 *n*	1,2937	0,0044	−0,04

Tabula VIII.

1757.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,2695 *n*	0,8989	0,5108 *n*	1,2998	— ∞	— 0″,04
10	9,1851 *n*	0,8904	0,8075 *n*	1,2789	8,4362	— 0,03
20	9,0878 *n*	0,8787	0,9728 *n*	1,2425	8,7373	— 0,03
30	8,9756 *n*	0,8645	1,0815 *n*	1,1876	8,9134	— 0,03
Febr. 9	8,8443 *n*	0,8491	1,1570 *n*	1,1092	9,0383	— 0,04
19	8,6847 *n*	0,8340	1,2094 *n*	0,9968	9,1352	— 0,04
Mart. 1	8,4714 *n*	0,8208	1,2438 *n*	0,8263	9,2144	— 0,04
11	8,1062 *n*	0,8109	1,2632 *n*	0,5179	9,2813	— 0,04
21	7,4939	0,8052	1,2690 *n*	9,2851 *n*	9,3393	— 0,04
31	8,2818	0,8041	1,2618 *n*	0,5630 *n*	9,3905	— 0,04
Apr. 10	8,5600	0,8072	1,2415 *n*	0,8446 *n*	9,4362	— 0,04
20	8,7444	0,8136	1,2068 *n*	1,0046 *n*	9,4776	— 0,05
30	8,8886	0,8220	1,1556 *n*	1,1112 *n*	9,5154	— 0,05
Maj. 10	9,0095	0,8309	1,0836 *n*	1,1861 *n*	9,5502	— 0,05
20	9,1139	0,8389	0,9825 *n*	1,2390 *n*	9,5824	— 0,05
30	9,2051	0,8449	0,8344 *n*	1,2750 *n*	9,6123	— 0,05
Jun. 9	9,2850	0,8479	0,5879 *n*	1,2969 *n*	9,6404	— 0,05
19	9,3547	0,8472	9,9104 *n*	1,3061 *n*	9,6667	— 0,05
29	9,4152	0,8426	0,3548	1,3033 *n*	9,6915	— 0,04
Jul. 9	9,4674	0,8340	0,7225	1,2883 *n*	9,7150	— 0,04
19	9,5118	0,8218	0,9112	1,2601 *n*	9,7373	— 0,04
29	9,5493	0,8064	1,0335	1,2170 *n*	9,7585	— 0,04
Aug. 8	9,5808	0,7890	1,1193	1,1552 *n*	9,7787	— 0,04
18	9,6070	0,7708	1,1807	1,0685 *n*	9,7980	— 0,04
28	9,6289	0,7534	1,2238	0,9434 *n*	9,8164	— 0,04
Sept. 7	9,6475	0,7384	1,2518	0,7472 *n*	9,8342	— 0,05
17	9,6638	0,7273	1,2664	0,3463 *n*	9,8512	— 0,05
27	9,6790	0,7213	1,2682	0,0901	9,8676	— 0,05
Oct. 7	9,6938	0,7206	1,2572	0,6688	9,8834	— 0,05
17	9,7094	0,7250	1,2324	0,9020	9,8986	— 0,05
27	9,7263	0,7332	1,1919	1,0443	9,9134	— 0,05
Nov. 6	9,7448	0,7435	1,1321	1,1415	9,9276	— 0,05
16	9,7650	0,7539	1,0466	1,2099	9,9414	— 0,05
26	9,7865	0,7626	0,9220	1,2575	9,9547	— 0,05
Dec. 6	9,8088	0,7680	0,7251	1,2880	9,9677	— 0,05
16	9,8312	0,7689	0,3203	1,3038	9,9803	— 0,05
26	9,8530	0,7646	0,0789 *n*	1,3056	9,9925	— 0,05
36	9,8735	0,7547	0,6486 *n*	1,2937	0,0044	— 0,05

Tabula VIII.

1758.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,4241 *n*	0,7591	0,5107 *n*	1,2998	— ∞	— 0″,05
10	9,3653 *n*	0,7459	0,8075 *n*	1,2789	8,4362	— 0,05
20	9,3018 *n*	0,7278	0,9728 *n*	1,2425	8,7373	— 0,05
30	9,2348 *n*	0,7059	1,0815 *n*	1,1876	8,9134	— 0,05
Febr. 9	9,1651 *n*	0,6818	1,1570 *n*	1,1092	9,0383	— 0,05
19	9,0933 *n*	0,6577	1,2094 *n*	0,9968	9,1352	— 0,05
Mart. 1	9,0186 *n*	0,6359	1,2438 *n*	0,8263	9,2144	— 0,05
11	8,9381 *n*	0,6187	1,2632 *n*	0,5179	9,2813	— 0,05
21	8,8451 *n*	0,6079	1,2690 *n*	9,2850 *n*	9,3393	— 0,05
31	8,7256 *n*	0,6042	1,2618 *n*	0,5630 *n*	9,3905	— 0,06
Apr. 10	8,5459 *n*	0,6071	1,2415 *n*	0,8446 *n*	9,4362	— 0,06
20	8,1791 *n*	0,6154	1,2068 *n*	1,0046 *n*	9,4776	— 0,06
30	7,8811	0,6268	1,1556 *n*	1,1112 *n*	9,5154	— 0,06
Maj. 10	8,5223	0,6390	1,0836 *n*	1,1861 *n*	9,5502	— 0,06
20	8,7918	0,6498	0,9825 *n*	1,2390 *n*	9,5824	— 0,06
30	8,9693	0,6574	0,8344 *n*	1,2750 *n*	9,6123	— 0,06
Jun. 9	9,1018	0,6604	0,5879 *n*	1,2969 *n*	9,6404	— 0,06
19	9,2065	0,6578	9,9103 *n*	1,3061 *n*	9,6667	— 0,06
29	9,2913	0,6491	0,3549	1,3033 *n*	9,6915	— 0,06
Jul. 9	9,3610	0,6340	0,7225	1,2883 *n*	9,7150	— 0,06
19	9,4185	0,6128	0,9112	1,2601 *n*	9,7373	— 0,05
29	9,4659	0,5860	1,0335	1,2169 *n*	9,7585	— 0,05
Aug. 8	9,5050	0,5549	1,1193	1,1552 *n*	9,7787	— 0,05
18	9,5372	0,5213	1,1807	1,0685 *n*	9,7980	— 0,05
28	9,5639	0,4877	1,2238	0,9434 *n*	9,8164	— 0,05
Sept. 7	9,5865	0,4574	1,2518	0,7472 *n*	9,8342	— 0,06
17	9,6062	0,4337	1,2664	0,3463 *n*	9,8512	— 0,06
27	9,6243	0,4195	1,2682	0,0901	9,8676	— 0,06
Oct. 7	9,6421	0,4160	1,2572	0,6688	9,8834	— 0,06
17	9,6605	0,4226	1,2324	0,9020	9,8986	— 0,06
27	9,6802	0,4368	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,7016	0,4549	1,1321	1,1415	9,9276	— 0,06
16	9,7246	0,4731	1,0466	1,2099	9,9414	— 0,06
26	9,7489	0,4878	0,9220	1,2575	9,9547	— 0,06
Dec. 6	9,7739	0,4962	0,7251	1,2880	9,9677	— 0,06
16	9,7987	0,4962	0,3203	1,3038	9,9803	— 0,06
26	9,8228	0,4864	0,0788 *n*	1,3056	9,9925	— 0,06
36	9,8453	0,4658	0,6486 *n*	1,2937	0,0044	— 0,06

Tabula VIII.

1759.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,4953 *n*	0,4748	0,5107 *n*	1,2998	— ∞	—0″,06
10	9,4444 *n*	0,4473	0,8075 *n*	1,2789	8,4362	—0,06
20	9,3905 *n*	0,4086	0,9727 *n*	1,2425	8,7373	—0,06
30	9,3346 *n*	0,3596	1,0815 *n*	1,1876	8,9134	—0,06
Febr. 9	9,2780 *n*	0,3020	1,1570 *n*	1,1092	9,0383	—0,06
19	9,2211 *n*	0,2392	1,2094 *n*	0,9968	9,1352	—0,06
Mart. 1	9,1638 *n*	0,1766	1,2438 *n*	0,8263	9,2144	—0,06
11	9,1044 *n*	0,1219	1,2632 *n*	0,5179	9,2813	—0,06
21	9,0393 *n*	0,0835	1,2690 *n*	9,2849 *n*	9,3393	—0,06
31	8,9620 *n*	0,0674	1,2618 *n*	0,5630 *n*	9,3905	—0,06
Apr. 10	8,8611 *n*	0,0743	1,2415 *n*	0,8446 *n*	9,4362	—0,06
20	8,7125 *n*	0,0987	1,2068 *n*	1,0046 *n*	9,4776	—0,07
30	8,4450 *n*	0,1323	1,1556 *n*	1,1112 *n*	9,5154	—0,07
Maj. 10	7,0739 *n*	0,1668	1,0836 *n*	1,1861 *n*	9,5502	—0,07
20	8,4543	0,1959	0,9825 *n*	1,2390 *n*	9,5824	—0,07
30	8,7834	0,2151	0,8344 *n*	1,2750 *n*	9,6123	—0,07
Jun. 9	8,9777	0,2214	0,5879 *n*	1,2969 *n*	9,6404	—0,06
19	9,1154	0,2124	9,9102 *n*	1,3061 *n*	9,6667	—0,06
29	9,2206	0,1856	0,3549	1,3033 *n*	9,6915	—0,06
Jul. 9	9,3037	0,1381	0,7225	1,2883 *n*	9,7150	—0,06
19	9,3706	0,0652	0,9112	1,2601 *n*	9,7373	—0,06
29	9,4249	9,9593	1,0335	1,2169 *n*	9,7585	—0,06
Aug. 8	9,4692	9,8048	1,1193	1,1552 *n*	9,7787	—0,06
18	9,5054	9,5621	1,1807	1,0685 *n*	9,7980	—0,06
28	9,5354	9,0509	1,2238	0,9434 *n*	9,8164	—0,06
Sept. 7	9,5607	9,0000 *n*	1,2518	0,7472 *n*	9,8342	—0,06
17	9,5827	9,4102 *n*	1,2664	0,3463 *n*	9,8512	—0,06
27	9,6030	9,5436 *n*	1,2682	0,0901	9,8676	—0,06
Oct. 7	9,6227	9,5743 *n*	1,2572	0,6688	9,8834	—0,07
17	9,6429	9,5309 *n*	1,2324	0,9020	9,8986	—0,07
27	9,6644	9,4076 *n*	1,1919	1,0443	9,9134	—0,07
Nov. 6	9,6874	9,1548 *n*	1,1321	1,1415	9,9276	—0,07
16	9,7121	8,3891 *n*	1,0466	1,2099	9,9414	—0,07
26	9,7379	8,8732	0,9220	1,2575	9,9547	—0,07
Dec. 6	9,7643	9,1203	0,7251	1,2880	9,9677	—0,07
16	9,7904	9,1120	0,3204	1,3038	9,9803	—0,06
26	9,8156	8,7543	0,0787 *n*	1,3056	9,9925	—0,06
36	9,8392	8,9416 *n*	0,6486 *n*	1,2937	0,0044	—0,06

Tabula VIII.

1760.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 1	9,5093 *n*	8.4002 *n*	0,5107 *n*	1,2998	— ∞	— 0″,06
11	9,4585 *n*	9,3235 *n*	0,8074 *n*	1,2789	8,4362	— 0,06
21	9,4047 *n*	9,6541 *n*	0,9727 *n*	1,2425	8,7373	— 0,06
31	9,3487 *n*	9,8608 *n*	1,0815 *n*	1,1876	8,9134	— 0,06
Febr. 10	9,2918 *n*	0,0049 *n*	1,1570 *n*	1,1092	9,0383	— 0,06
20	9,2342 *n*	0,1080 *n*	1,2094 *n*	0,9968	9,1352	— 0,06
Mart. 1	9,1757 *n*	0,1806 *n*	1,2438 *n*	0,8263	9,2144	— 0,06
11	9,1145 *n*	0,2289 *n*	1,2632 *n*	0,5180	9,2818	— 0,06
21	9,0471 *n*	0,2568 *n*	1,2690 *n*	9,2848 *n*	9,3398	— 0,06
31	8,9665 *n*	0,2672 *n*	1,2618 *n*	0,5630 *n*	9,3905	— 0,06
Apr. 10	8,8605 *n*	0,2628 *n*	1,2415 *n*	0,8446 *n*	9,4362	— 0,06
20	8,7029 *n*	0,2460 *n*	1,2068 *n*	1,0046 *n*	9,4776	— 0,07
30	8,4100 *n*	0,2202 *n*	1,1556 *n*	1,1112 *n*	9,5154	— 0,07
Maj. 10	7,3034	0,1895 *n*	1,0836 *n*	1,1861 *n*	9,5502	— 0,07
20	8,5144	0,1596 *n*	0,9825 *n*	1,2390 *n*	9,5824	— 0,07
30	8,8193	0,1372 *n*	0,8344 *n*	1,2750 *n*	9,6123	— 0,06
Jun. 9	9,0055	0,1290 *n*	0,5879 *n*	1,2969 *n*	9,6404	— 0,06
19	9,1391	0,1392 *n*	9,9101 *n*	1,3061 *n*	9,6667	— 0,06
29	9,2418	0,1682 *n*	0,3549	1,3033 *n*	9,6915	— 0,06
Jul. 9	9,3235	0,2120 *n*	0,7225	1,2883 *n*	9,7150	— 0,06
19	9,3894	0,2645 *n*	0,9112	1,2601 *n*	9,7373	— 0,06
29	9,4432	0,3195 *n*	1,0335	1,2169 *n*	9,7585	— 0,06
Aug. 8	9,4871	0,3722 *n*	1,1193	1,1552 *n*	9,7787	— 0,06
18	9,5233	0,4193 *n*	1,1807	1,0684 *n*	9,7980	— 0,06
28	9,5533	0,4585 *n*	1,2238	0,9434 *n*	9,8164	— 0,06
Sept. 7	9,5788	0,4889 *n*	1,2518	0,7472 *n*	9,8342	— 0,06
17	9,6011	0,5099 *n*	1,2664	0,3463 *n*	9,8512	— 0,06
27	9,6215	0,5216 *n*	1,2682	0,0902	9,8676	— 0,06
Oct. 7	9,6414	0,5243 *n*	1,2572	0,6688	9,8834	— 0,06
17	9,6618	0,5189 *n*	1,2324	0,9020	9,8986	— 0,06
27	9,6833	0,5070 *n*	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,7062	0,4907 *n*	1,1322	1,1415	9,9276	— 0,06
16	9,7347	0,4729 *n*	1,0466	1,2099	9,9414	— 0,06
26	9,7562	0,4573 *n*	0,9220	1,2575	9,9547	— 0,06
Dec. 6	9,7822	0,4475 *n*	0,7251	1,2880	9,9677	— 0,06
16	9,8080	0,4469 *n*	0,3204	1,3038	9,9803	— 0,06
26	9,8329	0,4570 *n*	0,0787 *n*	1,3056	9,9925	— 0,06
36	9,8561	0,4773 *n*	0,6486 *n*	1,2937	0,0044	— 0,06

Tabula VIII.

1761.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,4713 n	0,4686 n	0,5107 n	1,2998	— ∞	— 0,06
10	9,4139 n	0,4942 n	0,8074 n	1,2789	8,4362	— 0,05
20	9,3519 n	0,5254 n	0,9727 n	1,2425	8,7373	— 0,05
30	9,2860 n	0,5587 n	1,0815 n	1,1876	8,9134	— 0,05
Febr. 9	9,2168 n	0,5908 n	1,1570 n	1,1092	9,0383	— 0,05
19	9,1445 n	0,6191 n	1,2094 n	0,9968	9,1352	— 0,05
Mart. 1	9,0678 n	0,6420 n	1,2438 n	0,8263	9,2144	— 0,05
11	8,9835 n	0,6585 n	1,2632 n	0,5180	9,2813	— 0,05
21	8,8840 n	0,6682 n	1,2690 n	9,2846 n	9,3393	— 0,06
31	8,7538 n	0,6715 n	1,2618 n	0,5630 n	9,3905	— 0,06
Apr. 10	8,5532 n	0,6689 n	1,2415 n	0,8446 n	9,4362	— 0,06
20	8,1041 n	0,6615 n	1,2068 n	1,0046 n	9,4776	— 0,06
30	8,1133	0,6508 n	1,1556 n	1,1112 n	9,5154	— 0,06
Maj. 10	8,6195	0,6386 n	1,0836 n	1,1861 n	9,5502	— 0,06
20	8,8648	0,6272 n	0,9825 n	1,2390 n	9,5824	— 0,06
30	9,0313	0,6186 n	0,8343 n	1,2750 n	9,6123	— 0,06
Jun. 9	9,1475	0,6147 n	0,5879 n	1,2969 n	9,6404	— 0,06
19	9,2579	0,6170 n	9,9100 n	1,3061 n	9,6667	— 0,05
29	9,3400	0,6257 n	0,3550	1,3033 n	9,6915	— 0,05
Jul. 9	9,4079	0,6403 n	0,7226	1,2883 n	9,7150	— 0,05
19	9,4643	0,6596 n	0,9112	1,2601 n	9,7373	— 0,05
29	9,5112	0,6815 n	1,0335	1,2169 n	9,7585	— 0,05
Aug. 8	9,5501	0,7041 n	1,1193	1,1552 n	9,7787	— 0,05
18	9,5826	0,7257 n	1,1807	1,0684 n	9,7980	— 0,05
28	9,6099	0,7445 n	1,2239	0,9434 n	9,8164	— 0,05
Sept. 7	9,6332	0,7596 n	1,2518	0,7472 n	9,8342	— 0,05
17	9,6538	0,7700 n	1,2664	0,3463 n	9,8512	— 0,05
27	9,6728	0,7755 n	1,2682	0,0902	9,8676	— 0,05
Oct. 7	9,6913	0,7760 n	1,2572	0,6688	9,8834	— 0,05
17	9,7102	0,7721 n	1,2324	0,9020	9,8986	— 0,05
27	9,7302	0,7644 n	1,1919	1,0443	9,9134	— 0,05
Nov. 6	9,7515	0,7544 n	1,1322	1,1415	9,9276	— 0,05
16	9,7742	0,7437 n	1,0466	1,2099	9,9414	— 0,05
26	9,7979	0,7342 n	0,9220	1,2575	9,9547	— 0,05
Dec. 6	9,8222	0,7279 n	0,7251	1,2880	9,9677	— 0,05
16	9,8463	0,7264 n	0,3204	1,3038	9,9803	— 0,05
26	9,8696	0,7305 n	0,0786 n	1,3056	9,9925	— 0,04
36	9,8915	0,7402 n	0,6486 n	1,2937	0,0044	— 0,04

Tabula VIII.

1762.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,3717 n	0,7360 n	0,5106 n	1,2998	— ∞	— 0″,04
10	9,2965 n	0,7488 n	0,8074 n	1,2789	8,4362	— 0,04
20	9,2111 n	0,7653 n	0,9727 n	1,2425	8,7373	— 0,04
30	9,1144 n	0,7836 n	1,0815 n	1,1876	8,9134	— 0,04
Febr. 9	9,0038 n	0,8019 n	1,1570 n	1,1092	9,0383	— 0,04
19	8,8738 n	0,8185 n	1,2094 n	0,9968	9,1352	— 0,04
Mart. 1	8,7110 n	0,8321 n	1,2438 n	0,8264	9,2144	— 0,04
11	8,4767 n	0,8418 n	1,2632 n	0,5180	9,2813	— 0,04
21	7,9768 n	0,8471 n	1,2690 n	9,2845 n	9,3393	— 0,04
31	8,0463	0,8483 n	1,2618 n	0,5630 n	9,3905	— 0,04
Apr. 10	8,5172	0,8455 n	1,2415 n	0,8446 n	9,4362	— 0,04
20	8,7536	0,8395 n	1,2068 n	1,0046 n	9,4776	— 0,05
30	8,9199	0,8313 n	1,1556 n	1,1112 n	9,5154	— 0,05
Maj. 10	9,0514	0,8222 n	1,0836 n	1,1861 n	9,5502	— 0,04
20	9,1611	0,8135 n	0,9825 n	1,2390 n	9,5824	— 0,04
30	9,2550	0,8067 n	0,8343 n	1,2750 n	9,6123	— 0,04
Jun. 9	9,3362	0,8030 n	0,5878 n	1,2969 n	9,6404	— 0,04
19	9,4065	0,8032 n	9,9099 n	1,3061 n	9,6667	— 0,04
29	9,4675	0,8076 n	0,3550	1,3033 n	9,6915	— 0,04
Jul. 9	9,5200	0,8161 n	0,7226	1,2883 n	9,7150	— 0,04
19	9,5650	0,8278 n	0,9112	1,2601 n	9,7373	— 0,03
29	9,6034	0,8416 n	1,0335	1,2169 n	9,7585	— 0,03
Aug. 8	9,6359	0,8562 n	1,1193	1,1552 n	9,7787	— 0,03
18	9,6634	0,8704 n	1,1807	1,0684 n	9,7980	— 0,03
28	9,6867	0,8829 n	1,2239	0,9434 n	9,8164	— 0,03
Sept. 7	9,7069	0,8928 n	1,2518	0,7472 n	9,8342	— 0,03
17	9,7249	0,8994 n	1,2664	0,3463 n	9,8512	— 0,03
27	9,7416	0,9024 n	1,2682	0,0902	9,8676	— 0,03
Oct. 7	9,7580	0,9017 n	1,2572	0,6688	9,8834	— 0,04
17	9,7747	0,8976 n	1,2324	0,9020	9,8986	— 0,04
27	9,7924	0,8908 n	1,1919	1,0443	9,9134	— 0,04
Nov. 6	9,8114	0,8821 n	1,1322	1,1415	9,9276	— 0,04
16	9,8316	0,8730 n	1,0466	1,2099	9,9414	— 0,04
26	9,8529	0,8647 n	0,9220	1,2575	9,9547	— 0,03
Dec. 6	9,8747	0,8588 n	0,7252	1,2880	9,9677	— 0,03
16	9,8965	0,8564 n	0,3205	1,3038	9,9803	— 0,03
26	9,9176	0,8581 n	0,0785 n	1,3056	9,9925	— 0,03
36	9,9375	0,8642 n	0,6486 n	1,2937	0,0044	— 0,03

Tabula VIII.

1763.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,1716 *n*	0,8614 *n*	0,5106 *n*	1,2998	— ∞	— 0,03″
10	9,0430 *n*	0,8698 *n*	0,8074 *n*	1,2789	8,4362	— 0,02
20	8,8722 *n*	0,8811 *n*	0,9727 *n*	1,2425	8,7373	— 0,02
30	8,6176 *n*	0,8940 *n*	1,0815 *n*	1,1876	8,9134	— 0,02
Febr. 9	8,0656 *n*	0,9071 *n*	1,1570 *n*	1,1092	9,0383	— 0,02
19	8,1766	0,9190 *n*	1,2094 *n*	0,9968	9,1352	— 0,02
Mart. 1	8,5905	0,9287 *n*	1,2438 *n*	0,8264	9,2144	— 0,02
11	8,7848	0,9353 *n*	1,2632 *n*	0,5180	9,2813	— 0,02
21	8,9136	0,9385 *n*	1,2690 *n*	9,2844 *n*	9,3393	— 0,02
31	9,0132	0,9383 *n*	1,2618 *n*	0,5630 *n*	9,3905	— 0,03
Apr. 10	9,0983	0,9349 *n*	1,2415 *n*	0,8446 *n*	9,4362	— 0,03
20	9,1752	0,9288 *n*	1,2068 *n*	1,0046 *n*	9,4776	— 0,03
30	9,2472	0,9210 *n*	1,1556 *n*	1,1112 *n*	9,5154	— 0,03
Maj. 10	9,3151	0,9124 *n*	1,0836 *n*	1,1861 *n*	9,5502	— 0,03
20	9,3792	0,9041 *n*	0,9825 *n*	1,2390 *n*	9,5824	— 0,03
30	9,4392	0,8973 *n*	0,8343 *n*	1,2750 *n*	9,6123	— 0,02
Jun. 9	9,4946	0,8930 *n*	0,5878 *n*	1,2969 *n*	9,6404	— 0,02
19	9,5453	0,8918 *n*	9,9098 *n*	1,3061 *n*	9,6667	— 0,02
29	9,5909	0,8942 *n*	0,3550	1,3033 *n*	9,6915	— 0,02
Jul. 9	9,6315	0,8998 *n*	0,7226	1,2882 *n*	9,7150	— 0,02
19	9,6671	0,9082 *n*	0,9112	1,2601 *n*	9,7373	— 0,01
29	9,6931	0,9184 *n*	1,0335	1,2169 *n*	9,7585	— 0,01
Aug. 8	9,7247	0,9295 *n*	1,1193	1,1552 *n*	9,7787	— 0,01
18	9,7476	0,9403 *n*	1,1808	1,0684 *n*	9,7980	— 0,01
28	9,7673	0,9498 *n*	1,2239	0,9434 *n*	9,8164	— 0,01
Sept. 7	9,7844	0,9571 *n*	1,2518	0,7472 *n*	9,8342	— 0,01
17	9,7997	0,9616 *n*	1,2664	0,3462 *n*	9,8512	— 0,02
27	9,8041	0,9631 *n*	1,2682	0,0902	9,8676	— 0,02
Oct. 7	9,8282	0,9613 *n*	1,2572	0,6688	9,8834	— 0,02
17	9,8428	0,9566 *n*	1,2324	0,9020	9,8986	— 0,02
27	9,8582	0,9494 *n*	1,1919	1,0443	9,9134	— 0,02
Nov. 6	9,8747	0,9406 *n*	1,1322	1,1415	9,9276	— 0,02
16	9,8925	0,9313 *n*	1,0466	1,2099	9,9414	— 0,02
26	9,9112	0,9228 *n*	0,9220	1,2575	9,9547	— 0,02
Dec. 6	9,9305	0,9163 *n*	0,7252	1,2880	9,9677	— 0,01
16	9,9499	0,9129 *n*	0,3205	1,3038	9,9803	— 0,01
26	9,9688	0,9131 *n*	0,0784 *n*	1,3056	9,9925	— 0,01
36	9,9867	0,9171 *n*	0,6485 *n*	1,2937	0,0044	— 0,01

Tabula VIII.

1764.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	8,6519 n	0,9151 n	0,5106 n	1,2998	— ∞	— 0″,01
11	7,8138 n	0,9212 n	0,8074 n	1,2789	8,4362	— 0,01
21	8,4727	0,9300 n	0,9727 n	1,2425	8,7373	0,00
31	8,7995	0,9403 n	1,0815 n	1,1876	8,9134	0,00
Febr. 10	8,9691	0,9508 n	1,1570 n	1,1092	9,0383	0,00
20	9,0794	0,9604 n	1,2094 n	0,9968	9,1352	0,00
Mart. 1	9,1591	0,9680 n	1,2438 n	0,8264	9,2144	0,00
11	9,2214	0,9728 n	1,2632 n	0,5180	9,2813	0,00
21	9,2736	0,9746 n	1,2690 n	9,2843 n	9,3393	— 0,01
31	9,3204	0,9732 n	1,2618 n	0,5630 n	9,3905	— 0,01
Apr. 10	9,3648	0,9688 n	1,2415 n	0,8446 n	9,4362	— 0,01
20	9,4086	0,9620 n	1,2068 n	1,0046 n	9,4776	— 0,01
30	9,4524	0,9535 n	1,1556 n	1,1112 n	9,5154	— 0,01
Maj. 10	9,4962	0,9442 n	1,0836 n	1,1861 n	9,5502	— 0,01
20	9,5398	0,9352 n	0,9825 n	1,2390 n	9,5824	— 0,01
30	9,5823	0,9275 n	0,8343 n	1,2750 n	9,6123	0,00
Jun. 9	9,6230	0,9221 n	0,5878 n	1,2969 n	9,6404	0,00
19	9,6614	0,9197 n	9,9097 n	1,3061 n	9,6667	0,00
29	9,6969	0,9205 n	0,3551	1,3033 n	9,6915	0,00
Jul. 9	9,7291	0,9244 n	0,7226	1,2882 n	9,7150	0,00
19	9,7580	0,9310 n	0,9112	1,2601 n	9,7373	0,00
29	9,7833	0,9394 n	1,0335	1,2169 n	9,7585	+ 0,01
Aug. 8	9,8055	0,9487 n	1,1193	1,1552 n	9,7787	+ 0,01
18	9,8246	0,9577 n	1,1808	1,0684 n	9,7980	+ 0,01
28	9,8412	0,9656 n	1,2239	0,9434 n	9,8164	+ 0,01
Sept. 7	9,8558	0,9714 n	1,2518	0,7472 n	9,8342	+ 0,01
17	9,8684	0,9746 n	1,2664	0,3462 n	9,8512	+ 0,01
27	9,8812	0,9748 n	1,2682	0,0902	9,8676	0,00
Oct. 7	9,8934	0,9718 n	1,2572	0,6688	9,8834	0,00
17	9,9059	0,9659 n	1,2324	0,9020	9,8986	0,00
27	9,9193	0,9576 n	1,1919	1,0443	9,9134	0,00
Nov. 6	9,9338	0,9477 n	1,1322	1,1415	9,9276	0,00
16	9,9493	0,9373 n	1,0466	1,2099	9,9414	0,00
26	9,9658	0,9275 n	0,9220	1,2574	9,9547	0,00
Dec. 6	9,9829	0,9197 n	0,7252	1,2880	9,9677	+ 0,01
16	0,0001	0,9149 n	0,3205	1,3038	9,9803	+ 0,01
26	0,0170	0,9137 n	0,0784 n	1,3056	9,9925	+ 0,01
36	0,0330	0,9162 n	0,6485 n	1,2937	0,0044	+ 0,01

Tabula VIII.

1765.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,8088	0,9148 *n*	0,5106 *n*	1,2998	— ∞	+ 0,01″
10	9,0117	0,9195 *n*	0,8074 *n*	1,2789	8,4362	+ 0,01
20	9,1428	0,9270 *n*	0,9727 *n*	1,2425	8,7373	+ 0,02
30	9,2361	0,9361 *n*	1,0815 *n*	1,1876	8,9134	+ 0,02
Febr. 9	9,3060	0,9453 *n*	1,1570 *n*	1,1092	9,0383	+ 0,02
19	9,3602	0,9537 *n*	1,2094 *n*	0,9968	9,1352	+ 0,02
Mart. 1	9,4037	0,9601 *n*	1,2438 *n*	0,8264	9,2144	+ 0,02
11	9,4401	0,9638 *n*	1,2632 *n*	0,5180	9,2813	+ 0,02
21	9,4713	0,9644 *n*	1,2690 *n*	9,2842 *n*	9,3393	+ 0,01
31	9,5025	0,9617 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,01
Apr. 10	9,5321	0,9559 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,01
20	9,5622	0,9476 *n*	1,2068 *n*	1,0046 *n*	9,4776	+ 0,01
30	9,5933	0,9374 *n*	1,1556 *n*	1,1112 *n*	9,5154	+ 0,01
Maj. 10	9,6253	0,9264 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,01
20	9,6579	0,9156 *n*	0,9825 *n*	1,2390 *n*	9,5824	+ 0,01
30	9,6906	0,9062 *n*	0,8343 *n*	1,2750 *n*	9,6123	+ 0,02
Jun. 9	9,7226	0,8991 *n*	0,5878 *n*	1,2969 *n*	9,6404	+ 0,02
19	9,7533	0,8950 *n*	9,9096 *n*	1,3061 *n*	9,6667	+ 0,02
29	9,7821	0,8944 *n*	0,3551	1,3033 *n*	9,6915	+ 0,02
Jul. 9	9,8086	0,8971 *n*	0,7226	1,2882 *n*	9,7150	+ 0,02
19	9,8327	0,9027 *n*	0,9112	1,2601 *n*	9,7373	+ 0,03
29	9,8540	0,9103 *n*	1,0336	1,2169 *n*	9,7585	+ 0,03
Aug. 8	9,8728	0,9188 *n*	1,1193	1,1552 *n*	9,7787	+ 0,03
18	9,8891	0,9272 *n*	1,1808	1,0684 *n*	9,7980	+ 0,03
28	9,9033	0,9343 *n*	1,2239	0,9434 *n*	9,8164	+ 0,03
Sept. 7	9,9159	0,9393 *n*	1,2518	0,7472 *n*	9,8342	+ 0,03
17	9,9272	0,9414 *n*	1,2664	0,3462 *n*	9,8512	+ 0,02
27	9,9379	0,9403 *n*	1,2682	0,0902	9,8676	+ 0,02
Oct. 7	9,9485	0,9358 *n*	1,2572	0,6688	9,8834	+ 0,02
17	9,9595	0,9280 *n*	1,2324	0,9020	9,8986	+ 0,02
27	9,9712	0,9176 *n*	1,1919	1,0443	9,9134	+ 0,02
Nov. 6	9,9839	0,9053 *n*	1,1322	1,1415	9,9276	+ 0,02
16	9,9977	0,8924 *n*	1,0466	1,2099	9,9414	+ 0,02
26	0,0124	0,8801 *n*	0,9220	1,2574	9,9547	+ 0,02
Dec. 6	0,0276	0,8698 *n*	0,7252	1,2880	9,9677	+ 0,03
16	0,0431	0,8629 *n*	0,3206	1,3038	9,9803	+ 0,03
26	0,0583	0,8600 *n*	0,0783 *n*	1,3056	9,9925	+ 0,03
36	0,0728	0,8614 *n*	0,6485 *n*	1,2937	0,0044	+ 0,03

Tabula VIII.

1766.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,2249	0,8604 *n*	0,5105 *n*	1,2998	— ∞	+ 0″,03
10	9,3136	0,8642 *n*	0,8074 *n*	1,2789	8,4362	+ 0,03
20	9,3833	0,8711 *n*	0,9727 *n*	1,2425	8,7373	+ 0,03
30	9,4389	0,8799 *n*	1,0815 *n*	1,1876	8,9134	+ 0,04
Febr. 9	9,4835	0,8891 *n*	1,1570 *n*	1,1092	9,0383	+ 0,04
19	9,5198	0,8973 *n*	1,2094 *n*	0,9968	9,1352	+ 0,04
Mart. 1	9,5500	0,9032 *n*	1,2438 *n*	0,8264	9,2144	+ 0,04
11	9,5759	0,9061 *n*	1,2632 *n*	0,5180	9,2813	+ 0,03
21	9,5992	0,9054 *n*	1,2690 *n*	9,2840 *n*	9,3393	+ 0,03
31	9,6215	0,9010 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,03
Apr. 10	9,6438	0,8930 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,03
20	9,6669	0,8820 *n*	1,2068 *n*	1,0046 *n*	9,4776	+ 0,03
30	9,6912	0,8687 *n*	1,1556 *n*	1,1112 *n*	9,5154	+ 0,03
Maj. 10	9,7166	0,8543 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,03
20	9,7429	0,8400 *n*	0,9825 *n*	1,2390 *n*	9,5824	+ 0,03
30	9,7696	0,8272 *n*	0,8343 *n*	1,2750 *n*	9,6123	+ 0,03
Jun. 9	9,7961	0,8171 *n*	0,5878 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,8219	0,8106 *n*	9,9095 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8463	0,8082 *n*	0,3552	1,3033 *n*	9,6915	+ 0,04
Jul. 9	9,8690	0,8100 *n*	0,7226	1,2882 *n*	9,7150	+ 0,04
19	9,8898	0,8152 *n*	0,9112	1,2601 *n*	9,7373	+ 0,04
29	9,9083	0,8230 *n*	1,0336	1,2169 *n*	9,7585	+ 0,04
Aug. 8	9,9246	0,8319 *n*	1,1193	1,1552 *n*	9,7787	+ 0,04
18	9,9389	0,8406 *n*	1,1808	1,0684 *n*	9,7980	+ 0,04
28	9,9514	0,8478 *n*	1,2239	0,9434 *n*	9,8164	+ 0,04
Sept. 7	9,9624	0,8525 *n*	1,2518	0,7472 *n*	9,8342	+ 0,04
17	9,9723	0,8537 *n*	1,2664	0,3462 *n*	9,8512	+ 0,04
27	9,9817	0,8509 *n*	1,2682	0,0902	9,8676	+ 0,04
Oct. 7	9,9911	0,8439 *n*	1,2572	0,6688	9,8834	+ 0,04
17	0,0008	0,8329 *n*	1,2324	0,9020	9,8986	+ 0,04
27	0,0113	0,8185 *n*	1,1919	1,0443	9,9134	+ 0,04
Nov. 6	0,0227	0,8015 *n*	1,1322	1,1415	9,9276	+ 0,04
16	0,0350	0,7834 *n*	1,0466	1,2099	9,9414	+ 0,04
26	0,0483	0,7658 *n*	0,9221	1,2574	9,9547	+ 0,04
Dec. 6	0,0621	0,7508 *n*	0,7252	1,2880	9,9677	+ 0,04
16	0,0762	0,7399 *n*	0,3206	1,3038	9,9803	+ 0,04
26	0,0901	0,7344 *n*	0,0782 *n*	1,3056	9,9925	+ 0,05
36	0,1034	0,7345 *n*	0,6485 *n*	1,2937	0,0044	+ 0,05

Tabula VIII.

1767.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,4057	0,7338 *n*	0,5105 *n*	1,2998	— ∞	+ 0″,05
10	9,4653	0,7372 *n*	0,8074 *n*	1,2789	8,4362	+ 0,05
20	9,5148	0,7448 *n*	0,9727 *n*	1,2425	8,7373	+ 0,05
30	9,5557	0,7550 *n*	1,0815 *n*	1,1876	8,9134	+ 0,05
Febr. 9	9,5896	0,7656 *n*	1,1570 *n*	1,1092	9,0383	+ 0,05
19	9,6176	0,7749 *n*	1,2094 *n*	0,9968	9,1352	+ 0,05
Mart. 1	9,6412	0,7813 *n*	1,2438 *n*	0,8264	9,2144	+ 0,05
11	9,6617	0,7837 *n*	1,2632 *n*	0,5180	9,2813	+ 0,05
21	9,6804	0,7813 *n*	1,2690 *n*	9,2839 *n*	9,3393	+ 0,05
31	9,6984	0,7739 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,05
Apr. 10	9,7166	0,7616 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
20	9,7356	0,7451 *n*	1,2068 *n*	1,0046 *n*	9,4776	+ 0,05
30	9,7559	0,7252 *n*	1,1556 *n*	1,1112 *n*	9,5154	+ 0,04
Maj. 10	9,7774	0,7033 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,7999	0,6812 *n*	0,9825 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8229	0,6608 *n*	0,8343 *n*	1,2750 *n*	9,6123	+ 0,05
Jun. 9	9,8460	0,6440 *n*	0,5877 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8686	0,6324 *n*	9,9094 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,8903	0,6269 *n*	0,3552	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9105	0,6277 *n*	0,7227	1,2882 *n*	9,7150	+ 0,05
19	9,9290	0,6338 *n*	0,9113	1,2601 *n*	9,7373	+ 0,06
29	9,9456	0,6437 *n*	1,0336	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9602	0,6554 *n*	1,1193	1,1552 *n*	9,7787	+ 0,06
18	9,9731	0,6667 *n*	1,1808	1,0684 *n*	9,7980	+ 0,06
28	9,9843	0,6759 *n*	1,2239	0,9434 *n*	9,8164	+ 0,06
Sept. 7	9,9941	0,6812 *n*	1,2519	0,7471 *n*	9,8342	+ 0,06
17	0,0031	0,6814 *n*	1,2664	0,3462 *n*	9,8512	+ 0,05
27	0,0115	0,6757 *n*	1,2682	0,0903	9,8676	+ 0,05
Oct. 7	0,0199	0,6637 *n*	1,2572	0,6688	9,8834	+ 0,05
17	0,0287	0,6453 *n*	1,2324	0,9020	9,8986	+ 0,05
27	0,0382	0,6211 *n*	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0486	0,5922 *n*	1,1322	1,1414	9,9276	+ 0,05
16	0,0600	0,5605 *n*	1,0466	1,2099	9,9414	+ 0,05
26	0,0722	0,5288 *n*	0,9221	1,2574	9,9547	+ 0,05
Dec. 6	0,0850	0,5003 *n*	0,7252	1,2880	9,9677	+ 0,05
16	0,0981	0,4785 *n*	0,3206	1,3038	9,9803	+ 0,05
26	0,1110	0,4661 *n*	0,0782 *n*	1,3056	9,9925	+ 0,06
36	0,1234	0,4640 *n*	0,6485 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1768.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,4980	0,4636 *n*	0,5105 *n*	1,2998	— ∞	+ 0″,06
11	9,5457	0,4677 *n*	0,8074 *n*	1,2789	8,4362	+ 0,06
21	9,5863	0,4796 *n*	0,9727 *n*	1,2425	8,7373	+ 0,06
31	9,6204	0,4961 *n*	1,0815 *n*	1,1876	8,9134	+ 0,06
Febr. 10	9,6489	0,5133 *n*	1,1570 *n*	1,1092	9,0383	+ 0,06
20	9,6726	0,5280 *n*	1,2094 *n*	0,9968	9,1352	+ 0,06
Mart. 1	9,6927	0,5374 *n*	1,2438 *n*	0,8264	9,2144	+ 0,06
11	9,7102	0,5398 *n*	1,2632 *n*	0,5180	9,2813	+ 0,06
21	9,7263	0,5339 *n*	1,2690 *n*	9,2838 *n*	9,3393	+ 0,06
31	9,7418	0,5190 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,06
Apr. 10	9,7577	0,4949 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,06
20	9,7744	0,4618 *n*	1,2068 *n*	1,0046 *n*	9,4776	+ 0,05
30	9,7924	0,4207 *n*	1,1556 *n*	1,1112 *n*	9,5154	+ 0,05
Maj. 10	9,8115	0,3732 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8318	0,3219 *n*	0,9825 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8527	0,2709 *n*	0,8343 *n*	1,2750 *n*	9,6123	+ 0,06
Jun. 9	9,8738	0,2253 *n*	0,5877 *n*	1,2969 *n*	9,6404	+ 0,06
19	9,8945	0,1909 *n*	9,9093 *n*	1,3061 *n*	9,6667	+ 0,06
29	9,9144	0,1724 *n*	0,3552	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9331	0,1713 *n*	0,7227	1,2882 *n*	9,7150	+ 0,06
19	9,9502	0,1855 *n*	0,9113	1,2601 *n*	9,7373	+ 0,06
29	9,9656	0,2098 *n*	1,0336	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9792	0,2381 *n*	1,1193	1,1552 *n*	9,7787	+ 0,06
18	9,9911	0,2648 *n*	1,1808	1,0684 *n*	9,7980	+ 0,06
28	0,0014	0,2852 *n*	1,2239	0,9434 *n*	9,8164	+ 0,06
Sept. 7	0,0105	0,2960 *n*	1,2519	0,7471 *n*	9,8342	+ 0,06
17	0,0187	0,2944 *n*	1,2664	0,3462 *n*	9,8512	+ 0,06
27	0,0265	0,2783 *n*	1,2682	0,0903	9,8676	+ 0,06
Oct. 7	0,0342	0,2454 *n*	1,2572	0,6683	9,8834	+ 0,06
17	0,0423	0,1929 *n*	1,2324	0,9020	9,8986	+ 0,06
27	0,0512	0,1175 *n*	1,1919	1,0443	9,9134	+ 0,06
Nov. 6	0,0609	0,0142 *n*	1,1322	1,1414	9,9276	+ 0,06
16	0,0716	9,8751 *n*	1,0467	1,2099	9,9414	+ 0,06
26	0,0832	9,6867 *n*	0,9221	1,2574	9,9547	+ 0,06
Dec. 6	0,0953	9,5215 *n*	0,7252	1,2880	9,9677	+ 0,06
16	0,1078	9,3065 *n*	0,3207	1,3038	9,9803	+ 0,06
26	0,1201	7,9639 *n*	0,0781 *n*	1,3056	9,9925	+ 0,06
36	0,1319	8,0628	0,6484 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1769.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,5333	8,0738	0,5105 *n*	1,2998	— ∞	+ 0,06″
10	9,5763	7,9395 *n*	0,8073 *n*	1,2789	8,4362	+ 0,06
20	9,6132	8,9243 *n*	0,9727 *n*	1,2425	8,7373	+ 0,07
30	9,6444	9,2881 *n*	1,0815 *n*	1,1876	8,9134	+ 0,07
Febr. 9	9,6704	9,4980 *n*	1,1570 *n*	1,1092	9,0383	+ 0,07
19	9,6922	9,6242 *n*	1,2094 *n*	0,9968	9,1352	+ 0,06
Mart. 1	9,7106	9,6899 *n*	1,2438 *n*	0,8264	9,2144	+ 0,06
11	9,7266	9,7019 *n*	1,2632 *n*	0,5181	9,2813	+ 0,06
21	9,7413	9,6544 *n*	1,2690 *n*	9,2837 *n*	9,3393	+ 0,06
31	9,7555	9,5195 *n*	1,2618 *n*	0,5630 *n*	9,3905	+ 0,06
Apr. 10	9,7701	9,1690 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,06
20	9,7857	8,9337	1,2068 *n*	1,0046 *n*	9,4776	+ 0,06
30	9,8025	9,5460	1,1556 *n*	1,1112 *n*	9,5154	+ 0,06
Maj. 10	9,8206	9,7984	1,0836 *n*	1,1861 *n*	9,5502	+ 0,06
20	9,8398	9,9519	0,9825 *n*	1,2390 *n*	9,5824	+ 0,06
30	9,8597	0,0535	0,8343 *n*	1,2750 *n*	9,6123	+ 0,06
Jun. 9	9,8799	0,1207	0,5877 *n*	1,2969 *n*	9,6404	+ 0,06
19	9,8998	0,1617	9,9092 *n*	1,3061 *n*	9,6667	+ 0,06
29	9,9189	0,1815	0,3553	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9369	0,1832	0,7227	1,2882 *n*	9,7150	+ 0,06
19	9,9533	0,1696	0,9113	1,2601 *n*	9,7373	+ 0,06
29	9,9681	0,1434	1,0336	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9812	0,1084	1,1193	1,1552 *n*	9,7787	+ 0,07
18	9,9926	0,0702	1,1808	1,0684 *n*	9,7980	+ 0,06
28	0,0024	0,0366	1,2239	0,9434 *n*	9,8164	+ 0,06
Sept. 7	0,0111	0,0172	1,2519	0,7471 *n*	9,8342	+ 0,06
17	0,0188	0,0203	1,2664	0,3462 *n*	9,8512	+ 0,06
27	0,0262	0,0492	1,2682	0,0903	9,8676	+ 0,06
Oct. 7	0,0335	0,1000	1,2572	0,6688	9,8834	+ 0,06
17	0,0412	0,1640	1,2324	0,9020	9,8986	+ 0,06
27	0,0497	0,2322	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0591	0,2975	1,1322	1,1414	9,9276	+ 0,05
16	0,0694	0,3552	1,0467	1,2099	9,9414	+ 0,05
26	0,0807	0,4029	0,9221	1,2574	9,9547	+ 0,06
Dec. 6	0,0925	0,4392	0,7252	1,2880	9,9677	+ 0,06
16	0,1047	0,4639	0,3207	1,3038	9,9803	+ 0,06
26	0,1168	0,4772	0,0780 *n*	1,3056	9,9925	+ 0,06
36	0,1284	0,4799	0,6484 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1770.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,5195	0,4800	0,5104 *n*	1,2998	— ∞	+ 0″,06
10	9,5626	0,4767	0,8073 *n*	1,2789	8,4362	+ 0,06
20	9,5995	0,4653	0,9727 *n*	1,2425	8,7373	+ 0,06
30	9,6305	0,4481	1,0815 *n*	1,1876	8,9134	+ 0,06
Febr. 9	9,6564	0,4285	1,1570 *n*	1,1092	9,0383	+ 0,06
19	9,6779	0,4104	1,2094 *n*	0,9968	9,1352	+ 0,06
Mart. 1	9,6960	0,3980	1,2438 *n*	0,8264	9,2144	+ 0,06
11	9,7117	0,3949	1,2632 *n*	0,5181	9,2813	+ 0,06
21	9,7260	0,4032	1,2690 *n*	9,2835 *n*	9,3393	+ 0,06
31	9,7400	0,4227	1,2618 *n*	0,5630 *n*	9,3905	+ 0,06
Apr. 10	9,7543	0,4510	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
20	9,7697	0,4848	1,2068 *n*	1,0046 *n*	9,4776	+ 0,05
30	9,7864	0,5204	1,1556 *n*	1,1112 *n*	9,5154	+ 0,05
Maj. 10	9,8044	0,5546	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8237	0,5851	0,9825 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8437	0,6103	0,8343 *n*	1,2750 *n*	9,6123	+ 0,05
Jun. 9	9,8640	0,6293	0,5877 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8841	0,6418	9,9092 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9033	0,6478	0,3553	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9214	0,6477	0,7227	1,2882 *n*	9,7150	+ 0,06
19	9,9380	0,6424	0,9113	1,2601 *n*	9,7373	+ 0,06
29	9,9528	0,6330	1,0336	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9658	0,6211	1,1193	1,1552 *n*	9,7787	+ 0,06
18	9,9772	0,6089	1,1808	1,0684 *n*	9,7980	+ 0,06
28	9,9869	0,5985	1,2239	0,9434 *n*	9,8164	+ 0,06
Sept. 7	9,9954	0,5923	1,2519	0,7471 *n*	9,8342	+ 0,06
17	0,0030	0,5922	1,2664	0,3462 *n*	9,8512	+ 0,05
27	0,0102	0,5991	1,2682	0,0903	9,8676	+ 0,05
Oct. 7	0,0174	0,6131	1,2572	0,6688	9,8834	+ 0,05
17	0,0250	0,6328	1,2324	0,9020	9,8986	+ 0,05
27	0,0334	0,6562	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0427	0,6811	1,1322	1,1414	9,9276	+ 0,05
16	0,0531	0,7050	1,0467	1,2099	9,9414	+ 0,05
26	0,0644	0,7261	0,9221	1,2574	9,9547	+ 0,05
Dec. 6	0,0764	0,7429	0,7253	1,2880	9,9677	+ 0,05
16	0,0886	0,7545	0,3208	1,3038	9,9803	+ 0,05
26	0,1008	0,7605	0,0780 *n*	1,3056	9,9925	+ 0,05
36	0,1125	0,7610	0,6484 *n*	1,2937	0,0044	+ 0,05

Tabula VIII.

1771.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,4517	0,7614	0,5104 *n*	1,2998	— ∞	+ 0″,05
10	9,5004	0,7588	0,8073 *n*	1,2790	8,4362	+ 0,05
20	9,5416	0,7519	0,9727 *n*	1,2425	8,7373	+ 0,05
30	9,5758	0,7422	1,0815 *n*	1,1876	8,9134	+ 0,05
Febr. 9	9,6040	0,7313	1,1570 *n*	1,1092	9,0383	+ 0,05
19	9,6272	0,7214	1,2094 *n*	0,9968	9,1352	+ 0,05
Mart. 1	9,6466	0,7143	1,2438 *n*	0,8264	9,2144	+ 0,05
11	9,6632	0,7117	1,2632 *n*	0,5181	9,2813	+ 0,05
21	9,6784	0,7146	1,2690 *n*	9,2834 *n*	9,3393	+ 0,05
31	9,6931	0,7231	1,2618 *n*	0,5630 *n*	9,3905	+ 0,04
Apr. 10	9,7082	0,7364	1,2415 *n*	0,8446 *n*	9,4362	+ 0,04
20	9,7245	0,7531	1,2068 *n*	1,0046 *n*	9,4776	+ 0,04
30	9,7423	0,7716	1,1556 *n*	1,1112 *n*	9,5154	+ 0,04
Maj. 10	9,7616	0,7901	1,0836 *n*	1,1861 *n*	9,5502	+ 0,04
20	9,7821	0,8071	0,9825 *n*	1,2390 *n*	9,5824	+ 0,04
30	9,8035	0,8214	0,8343 *n*	1,2750 *n*	9,6123	+ 0,04
Jun. 9	9,8251	0,8322	0,5877 *n*	1,2969 *n*	9,6404	+ 0,04
19	9,8464	0,8391	9,9091 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8669	0,8419	0,3553	1,3033 *n*	9,6915	+ 0,04
Jul. 9	9,8860	0,8409	0,7227	1,2882 *n*	9,7150	+ 0,05
19	9,9035	0,8364	0,9113	1,2601 *n*	9,7373	+ 0,05
29	9,9191	0,8294	1,0336	1,2169 *n*	9,7585	+ 0,05
Aug. 8	9,9327	0,8208	1,1194	1,1552 *n*	9,7787	+ 0,05
18	9,9445	0,8120	1,1808	1,0684 *n*	9,7980	+ 0,05
28	9,9546	0,8044	1,2239	0,9434 *n*	9,8164	+ 0,04
Sept. 7	9,9633	0,7993	1,2519	0,7471 *n*	9,8342	+ 0,04
17	9,9711	0,7980	1,2664	0,3461 *n*	9,8512	+ 0,04
27	9,9785	0,8012	1,2682	0,0903	9,8676	+ 0,04
Oct. 7	9,9858	0,8088	1,2572	0,6688	9,8834	+ 0,04
17	9,9936	0,8202	1,2324	0,9020	9,8986	+ 0,04
27	0,0023	0,8344	1,1919	1,0443	9,9134	+ 0,03
Nov. 6	0,0120	0,8499	1,1322	1,1414	9,9276	+ 0,03
16	0,0228	0,8652	1,0467	1,2099	9,9414	+ 0,03
26	0,0346	0,8788	0,9221	1,2574	9,9547	+ 0,03
Dec. 6	0,0470	0,8896	0,7253	1,2880	9,9677	+ 0,03
16	0,0599	0,8968	0,3208	1,3038	9,9803	+ 0,04
26	0,0726	0,9001	0,0779 *n*	1,3056	9,9925	+ 0,04
36	0,0848	0,8994	0,6484 *n*	1,2937	0,0044	+ 0,04

Tabula VIII.

1772.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 1	9,3076	0,9001	0,5104 *n*	1,2998	— ∞	+ 0″,04
11	9,3721	0,8971	0,8073 *n*	1,2790	8,4362	+ 0,04
21	9,4258	0,8910	0,9727 *n*	1,2425	8,7373	+ 0,04
31	9,4689	0,8828	1,0815 *n*	1,1877	8,9134	+ 0,04
Febr. 10	9,5036	0,8738	1,1570 *n*	1,1092	9,0383	+ 0,04
20	9,5317	0,8654	1,2094 *n*	0,9968	9,1352	+ 0,04
Mart. 1	9,5548	0,8591	1,2438 *n*	0,8264	9,2144	+ 0,04
11	9,5745	0,8559	1,2632 *n*	0,5181	9,2813	+ 0,03
21	9,5922	0,8567	1,2690 *n*	9,2833 *n*	9,3393	+ 0,03
31	9,6093	0,8616	1,2618 *n*	0,5629 *n*	9,3905	+ 0,03
Apr. 10	9,6269	0,8700	1,2415 *n*	0,8446 *n*	9,4362	+ 0,03
20	9,6458	0,8812	1,2068 *n*	1,0046 *n*	9,4776	+ 0,03
30	9,6664	0,8938	1,1556 *n*	1,1112 *n*	9,5154	+ 0,03
Maj. 10	9,6886	0,9066	1,0836 *n*	1,1861 *n*	9,5502	+ 0,03
20	9,7122	0,9185	0,9825 *n*	1,2390 *n*	9,5824	+ 0,02
30	9,7367	0,9285	0,8343 *n*	1,2750 *n*	9,6123	+ 0,03
Jun. 9	9,7613	0,9358	0,5877 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,7855	0,9401	9,9090 *n*	1,3061 *n*	9,6667	+ 0,03
29	9,8085	0,9412	0,3554	1,3033 *n*	9,6915	+ 0,03
Jul. 9	9,8299	0,9392	0,7228	1,2882 *n*	9,7150	+ 0,03
19	9,8493	0,9345	0,9113	1,2601 *n*	9,7373	+ 0,03
29	9,8666	0,9276	1,0336	1,2169 *n*	9,7585	+ 0,03
Aug. 8	9,8816	0,9196	1,1194	1,1552 *n*	9,7787	+ 0,03
18	9,8945	0,9113	1,1808	1,0684 *n*	9,7980	+ 0,03
28	9,9055	0,9039	1,2239	0,9434 *n*	9,8164	+ 0,03
Sept. 7	9,9149	0,8986	1,2519	0,7471 *n*	9,8342	+ 0,03
17	9,9234	0,8962	1,2664	0,3461 *n*	9,8512	+ 0,02
27	9,9313	0,8974	1,2682	0,0903	9,8676	+ 0,02
Oct. 7	9,9392	0,9021	1,2572	0,6688	9,8834	+ 0,02
17	9,9476	0,9101	1,2324	0,9020	9,8986	+ 0,02
27	9,9570	0,9204	1,1919	1,0443	9,9134	+ 0,02
Nov. 6	9,9675	0,9319	1,1322	1,1414	9,9276	+ 0,02
16	9,9792	0,9433	1,0467	1,2099	9,9414	+ 0,01
26	9,9919	0,9535	0,9221	1,2574	9,9547	+ 0,02
Dec. 6	0,0055	0,9614	0,7253	1,2880	9,9677	+ 0,02
16	0,0194	0,9663	0,3208	1,3038	9,9803	+ 0,02
26	0,0331	0,9679	0,0778 *n*	1,3056	9,9925	+ 0,02
36	0,0463	0,9661	0,6484 *n*	1,2937	0,0044	+ 0,02

Tabula VIII.

1773.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,0003	0,9671	0,5104 *n*	1,2998	— ∞	+ 0,02
10	9,1220	0,9634	0,8073 *n*	1,2790	8,4362	+ 0,02
20	9,2112	0,9569	0,9726 *n*	1,2425	8,7373	+ 0,02
30	9,2787	0,9486	1,0815 *n*	1,1877	8,9134	+ 0,02
Febr. 9	9,3305	0,9395	1,1570 *n*	1,1092	9,0383	+ 0,02
19	9,3709	0,9310	1,2094 *n*	0,9968	9,1352	+ 0,02
Mart. 1	9,4033	0,9242	1,2438 *n*	0,8264	9,2144	+ 0,02
11	9,4302	0,9201	1,2632 *n*	0,5181	9,2813	+ 0,01
21	9,4541	0,9194	1,2690 *n*	9,2832 *n*	9,3393	+ 0,01
31	9,4768	0,9222	1,2618 *n*	0,5629 *n*	9,3905	+ 0,01
Apr. 10	9,5000	0,9282	1,2415 *n*	0,8446 *n*	9,4362	+ 0,01
20	9,5247	0,9366	1,2068 *n*	1,0046 *n*	9,4776	+ 0,01
30	9,5512	0,9464	1,1556 *n*	1,1112 *n*	9,5154	0,00
Maj. 10	9,5796	0,9564	1,0836 *n*	1,1861 *n*	9,5502	0,00
20	9,6093	0,9658	0,9825 *n*	1,2390 *n*	9,5824	0,00
30	9,6398	0,9734	0,8342 *n*	1,2750 *n*	9,6123	+ 0,01
Jun. 9	9,6701	0,9788	0,5876 *n*	1,2969 *n*	9,6404	+ 0,01
19	9,6994	0,9815	9,9089 *n*	1,3061 *n*	9,6667	+ 0,01
29	9,7270	0,9812	0,3554	1,3033 *n*	9,6915	+ 0,01
Jul. 9	9,7525	0.9781	0,7228	1,2882 *n*	9,7150	+ 0,01
19	9,7754	0,9725	0,9113	1,2601 *n*	9,7373	+ 0,01
29	9,7956	0,9650	1,0336	1,2169 *n*	9,7585	+ 0,01
Aug. 8	9,8130	0,9562	1,1194	1,1552 *n*	9,7787	+ 0,01
18	9,8279	0,9473	1,1808	1,0684 *n*	9,7980	+ 0,01
28	9,8406	0,9391	1,2239	0,9433 *n*	9,8164	+ 0,01
Sept. 7	9,8514	0,9328	1,2519	0,7471 *n*	9,8342	+ 0,01
17	9,8610	0,9291	1,2664	0,3461 *n*	9,8512	0,00
27	9,8700	0,9288	1,2682	0,0903	9,8676	0,00
Oct. 7	9,8790	0,9318	1,2572	0,6688	9,8834	0,00
17	9,8885	0,9378	1,2324	0,9020	9,8986	0,00
27	9,8991	0,9460	1,1919	1,0443	9,9134	—0,01
Nov. 6	9,9110	0,9555	1,1322	1,1414	9,9276	—0,01
16	9,9242	0,9650	1,0467	1,2099	9,9414	—0,01
26	9,9386	0,9733	0,9221	1,2574	9,9547	—0,01
Dec. 6	9,9538	0,9796	0,7253	1,2880	9,9677	—0,01
16	9,9693	0,9830	0,3209	1,3038	9,9803	0,00
26	9,9847	0,9833	0,0778 *n*	1,3056	9,9925	0,00
36	9,9993	0,9802	0,6484 *n*	1,2937	0,0044	0,00

Tabula VIII.

1774.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,1425 *n*	0,9817	0,5103 *n*	1,2998	— ∞	0,00″
10	8,2641	0,9768	0,8073 *n*	1,2790	8,4362	0,00
20	8,6856	0,9692	0,9726 *n*	1,2425	8,7373	0,00
30	8,8792	0,9597	1,0815 *n*	1,1877	8,9134	0,00
Febr. 9	8,9988	0,9495	1,1570 *n*	1,1092	9,0383	0,00
19	9,0812	0,9397	1,2094 *n*	0,9968	9,1352	0,00
Mart. 1	9,1419	0,9316	1,2438 *n*	0,8264	9,2144	0,00
11	9,1897	0,9261	1,2632 *n*	0,5181	9,2813	— 0,01
21	9,2303	0,9239	1,2690 *n*	9,2831 *n*	9,3393	— 0,01
31	9,2677	0,9252	1,2618 *n*	0,5629 *n*	9,3905	— 0,01
Apr. 10	9,3047	0,9297	1,2415 *n*	0,8446 *n*	9,4362	— 0,01
20	9,3427	0,9366	1,2068 *n*	1,0047 *n*	9,4776	— 0,01
30	9,3824	0,9449	1,1556 *n*	1,1112 *n*	9,5154	— 0,02
Maj. 10	9,4237	0,9537	1,0836 *n*	1,1861 *n*	9,5502	— 0,02
20	9,4657	0,9617	0,9825 *n*	1,2390 *n*	9,5824	— 0,02
30	9,5076	0,9681	0,8342 *n*	1,2750 *n*	9,6123	— 0,02
Jun. 9	9,5482	0,9722	0,5876 *n*	1,2969 *n*	9,6404	— 0,02
19	9,5867	0,9736	9,9088 *n*	1,3061 *n*	9,6667	— 0,01
29	9,6223	0,9720	0,3554	1,3033 *n*	9,6915	— 0,01
Jul. 9	9,6545	0,9675	0,7228	1,2882 *n*	9,7150	— 0,01
19	9,6831	0,9603	0,9113	1,2601 *n*	9,7373	— 0,01
29	9,7080	0,9512	1,0336	1,2169 *n*	9,7585	— 0,01
Aug. 8	9,7294	0,9407	1,1194	1,1552 *n*	9,7787	— 0,01
18	9,7474	0,9300	1,1808	1,0684 *n*	9,7980	— 0,01
28	9,7627	0,9200	1,2239	0,9433 *n*	9,8164	— 0,01
Sept. 7	9,7757	0,9118	1,2519	0,7471 *n*	9,8342	— 0,02
17	9,7873	0,9065	1,2664	0,3461 *n*	9,8512	— 0,02
27	9,7980	0,9045	1,2682	0,0903	9,8676	— 0,02
Oct. 7	9,8087	0,9062	1,2572	0,6688	9,8834	— 0,02
17	9,8200	0,9110	1,2324	0,9020	9,8986	— 0,02
27	9,8325	0,9183	1,1919	1,0443	9,9134	— 0,02
Nov. 6	9,8464	0,9270	1,1322	1,1414	9,9276	— 0,03
16	9,8619	0,9357	1,0467	1,2099	9,9414	— 0,03
26	9,8786	0,9432	0,9221	1,2574	9,9547	— 0,03
Dec. 6	9,8961	0,9485	0,7253	1,2880	9,9677	— 0,03
16	9,9139	0,9509	0,3209	1,3038	9,9803	— 0,02
26	9,9315	0,9498	0,0777 *n*	1,3056	9,9925	— 0,02
36	9,9481	0,9451	0,6483 *n*	1,2937	0,0044	— 0,02

Tabula VIII.

1775.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,0971 n	0,9473	0,5103 n	1,2998	— ∞	— 0,02″
10	8,9663 n	0,9405	0,8073 n	1,2790	8,4362	— 0,02
20	8,7934 n	0,9308	0,9726 n	1,2425	8,7373	— 0,02
30	8,5394 n	0,9190	1,0815 n	1,1877	8,9134	— 0,02
Febr. 9	8,0135 n	0,9062	1,1570 n	1,1092	9,0383	— 0,02
19	8,0340	0,8939	1,2094 n	0,9969	9,1352	— 0,02
Mart. 1	8,4659	0,8833	1,2438 n	0,8264	9,2144	— 0,02
11	8,6599	0,8756	1,2632 n	0,5181	9,2813	— 0,03
21	8,7868	0,8715	1,2690 n	9,2829 n	9,3393	— 0,03
31	8,8856	0,8714	1,2618 n	0,5629 n	9,3905	— 0,03
Apr. 10	8,9714	0,8749	1,2415 n	0,8446 n	9,4362	— 0,03
20	9,0510	0,8811	1,2068 n	1,0047 n	9,4776	— 0,03
30	9,1268	0,8891	1,1556 n	1,1112 n	9,5154	— 0,04
Maj. 10	9,1996	0,8976	1,0836 n	1,1861 n	9,5502	— 0,04
20	9,2689	0,9052	0,9824 n	1,2390 n	9,5824	— 0,04
30	9,3338	0,9111	0,8342 n	1,2750 n	9,6128	— 0,03
Jun. 9	9,3939	0,9144	0,5876 n	1,2969 n	9,6404	— 0,03
19	9,4484	0,9145	9,9087 n	1,3061 n	9,6667	— 0,03
29	9,4973	0,9113	0,3555	1,3033 n	9,6915	— 0,03
Jul. 9	9,5403	0,9047	0,7228	1,2882 n	9,7150	— 0,03
19	9,5777	0,8950	0,9113	1,2601 n	9,7373	— 0,03
29	9,6097	0,8829	1,0336	1,2169 n	9,7585	— 0,03
Aug. 8	9,6367	0,8691	1,1194	1,1552 n	9,7787	— 0,03
18	9,6594	0,8548	1,1808	1,0684 n	9,7980	— 0,03
28	9,6785	0,8418	1,2239	0,9433 n	9,8164	— 0,03
Sept. 7	9,6947	0,8299	1,2519	0,7471 n	9,8342	— 0,03
17	9,7090	0,8218	1,2664	0,3461 n	9,8512	— 0,04
27	9,7222	0,8177	1,2682	0,0904	9,8676	— 0,04
Oct. 7	9,7354	0,8181	1,2572	0,6688	9,8834	— 0,04
17	9,7492	0,8224	1,2324	0,9020	9,8986	— 0,04
27	9,7642	0,8297	1,1919	1,0443	9,9134	— 0,04
Nov. 6	9,7809	0,8387	1,1322	1,1414	9,9276	— 0,04
16	9,7992	0,8479	1,0467	1,2099	9,9414	— 0,04
26	9,8188	0,8556	0,9221	1,2574	9,9547	— 0,04
Dec. 6	9,8392	0,8607	0,7253	1,2880	9,9677	— 0,04
16	9,8599	0,8621	0,3209	1,3038	9,9803	— 0,04
26	9,8800	0,8593	0,0776 n	1,3056	9,9925	— 0,04
36	9,8990	0,8521	0,6483 n	1,2937	0,0044	— 0,04

Tabula VIII.

1776.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 1	9,3427 *n*	0,8553	0,5103 *n*	1,2998	— ∞	— 0″,04
11	9,2719 *n*	0,8454	0,8073 *n*	1,2790	8,4362	— 0,04
21	9,1932 *n*	0,8318	0,9726 *n*	1,2425	8,7373	— 0,04
31	9,1067 *n*	0,8154	1,0815 *n*	1,1877	8,9134	— 0,04
Febr. 10	9,0125 *n*	0,7976	1,1570 *n*	1,1092	9,0383	— 0,04
20	8,9093 *n*	0,7800	1,2094 *n*	0,9969	9,1352	— 0,04
Mart. 1	8,7930 *n*	0,7644	1,2438 *n*	0,8265	9,2144	— 0,04
11	8,6528 *n*	0,7525	1,2632 *n*	0,5181	9,2813	— 0,04
21	8,4591 *n*	0,7453	1,2690 *n*	9,2828 *n*	9,3393	— 0,04
31	8,0959 *n*	0,7434	1,2618 *n*	0,5629 *n*	9,3905	— 0,05
Apr. 10	7,6994	0,7464	1,2415 *n*	0,8446 *n*	9,4362	— 0,05
20	8,3893	0,7531	1,2068 *n*	1,0047 *n*	9,4776	— 0,05
30	8,6690	0,7622	1,1556 *n*	1,1112 *n*	9,5154	— 0,05
Maj. 10	8,8561	0,7718	1,0836 *n*	1,1861 *n*	9,5502	— 0,05
20	8,9995	0,7805	0,9824 *n*	1,2390 *n*	9,5824	— 0,05
30	9,1159	0,7868	0,8342 *n*	1,2750 *n*	9,6123	— 0,05
Jun. 9	9,2129	0,7897	0,5876 *n*	1,2969 *n*	9,6404	— 0,05
19	9,2948	0,7884	9,9086 *n*	1,3061 *n*	9,6667	— 0,05
29	9,3642	0,7826	0,3555	1,3033 *n*	9,6915	— 0,05
Jul. 9	9,4229	0,7722	0,7228	1,2882 *n*	9,7150	— 0,05
19	9,4724	0,7575	0,9113	1,2601 *n*	9,7373	— 0,04
29	9,5138	0,7391	1,0336	1,2169 *n*	9,7585	— 0,04
Aug. 8	9,5482	0,7182	1,1194	1,1552 *n*	9,7787	— 0,04
18	9,5768	0,6961	1,1808	1,0684 *n*	9,7980	— 0,05
28	9,6006	0,6747	1,2239	0,9433 *n*	9,8164	— 0,05
Sept. 7	9,6207	0,6560	1,2519	0,7471 *n*	9,8342	— 0,05
17	9,6384	0,6419	1,2664	0,3461 *n*	9,8512	— 0,05
27	9,6547	0,6339	1,2682	0,0904	9,8676	— 0,05
Oct. 7	9,6708	0,6325	1,2572	0,6688	9,8834	— 0,05
17	9,6875	0,6373	1,2324	0,9020	9,8986	— 0,05
27	9,7055	0,6467	1,1919	1,0448	9,9134	— 0,06
Nov. 6	9,7252	0,6586	1,1322	1,1414	9,9276	— 0,06
16	9,7466	0,6707	1,0467	1,2099	9,9414	— 0,06
26	9,7693	0,6806	0,9221	1,2574	9,9547	— 0,06
Dec. 6	9,7927	0,6866	0,7253	1,2880	9,9677	— 0,05
16	9,8162	0,6872	0,3210	1,3038	9,9803	— 0,05
26	9,8389	0,6815	0,0776 *n*	1,3056	9,9925	— 0,05
36	9,8603	0,6690	0,6483 *n*	1,2937	0,0044	— 0,05

Tabula VIII.

1777.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,4595 *n*	0,6745	0,5103 *n*	1,2998	$-\infty$	$-0{,}05''$
10	9,4049 *n*	0,6579	0,8073 *n*	1,2790	8,4362	−0,05
20	9,3467 *n*	0,6350	0,9726 *n*	1,2425	8,7373	−0,05
30	9,2859 *n*	0,6072	1,0815 *n*	1,1877	8,9134	−0,05
Febr. 9	9,2236 *n*	0,5762	1,1570 *n*	1,1092	9,0383	−0,05
19	9,1604 *n*	0,5446	1,2094 *n*	0,9969	9,1352	−0,05
Mart. 1	9,0959 *n*	0,5154	1,2438 *n*	0,8265	9,2144	−0,05
11	9,0282 *n*	0,4919	1,2632 *n*	0,5182	9,2813	−0,05
21	8,9524 *n*	0,4766	1,2690 *n*	9,2827 *n*	9,3393	−0,05
31	8,8598 *n*	0,4709	1,2618 *n*	0,5629 *n*	9,3905	−0,06
Apr. 10	8,7326 *n*	0,4743	1,2415 *n*	0,8446 *n*	9,4362	−0,06
20	8,5263 *n*	0,4848	1,2068 *n*	1,0047 *n*	9,4776	−0,06
30	8,0214 *n*	0,4995	1,1556 *n*	1,1112 *n*	9,5154	−0,06
Maj. 10	8,1918	0,5151	1,0836 *n*	1,1861 *n*	9,5502	−0,06
20	8,6490	0,5289	0,9824 *n*	1,2390 *n*	9,5824	−0,06
30	8,8819	0,5384	0,8342 *n*	1,2750 *n*	9,6123	−0,06
Jun. 9	9,0407	0,5419	0,5876 *n*	1,2969 *n*	9,6404	−0,06
19	9,1604	0,5380	9,9085 *n*	1,3061 *n*	9,6667	−0,06
29	9,2547	0,5260	0,3555	1,3033 *n*	9,6915	−0,06
Jul. 9	9,3308	0,5053	0,7228	1,2882 *n*	9,7150	−0,05
19	9,3929	0,4759	0,9113	1,2601 *n*	9,7373	−0,05
29	9,4436	0,4382	1,0336	1,2169 *n*	9,7585	−0,05
Aug. 8	9,4849	0,3932	1,1194	1,1552 *n*	9,7787	−0,05
18	9,5193	0,3429	1,1808	1,0684 *n*	9,7980	−0,05
28	9,5476	0,2905	1,2239	0,9433 *n*	9,8164	−0,05
Sept. 7	9,5714	0,2410	1,2519	0,7471 *n*	9,8342	−0,06
17	9,5923	0,2005	1,2664	0,3461 *n*	9,8512	−0,06
27	9,6114	0,1750	1,2682	0,0904	9,8676	−0,06
Oct. 7	9,6301	0,1680	1,2572	0,6688	9,8834	−0,06
17	9,6494	0,1788	1,2324	0,9020	9,8986	−0,06
27	9,6700	0,2026	1,1919	1,0443	9,9134	−0,06
Nov. 6	9,6922	0,2326	1,1322	1,1414	9,9276	−0,06
16	9,7160	0,2619	1,0467	1,2099	9,9414	−0,06
26	9,7411	0,2851	0,9221	1,2574	9,9547	−0,06
Dec. 6	9,7668	0,2979	0,7254	1,2880	9,9677	−0,06
16	9,7924	0,2975	0,3210	1,3038	9,9803	−0,06
26	9,8170	0,2814	0,0775 *n*	1,3056	9,9925	−0,06
36	9,8401	0,2474	0,6483 *n*	1,2937	0,0044	−0,06

Tabula VIII.

1778.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,5070 n	0,2624	0,5102 n	1,2998	— ∞	— 0,06″
10	9,4569 n	0,2161	0,8072 n	1,2790	8,4362	— 0,06
20	9,4039 n	0,1475	0,9726 n	1,2425	8,7373	— 0,06
30	9,3491 n	0,0528	1,0814 n	1,1877	8,9134	— 0,06
Febr. 9	9,2935 n	9,9260	1,1570 n	1,1092	9,0383	— 0,06
19	9,2378 n	9,7572	1,2094 n	0,9969	9,1352	— 0,06
Mart. 1	9,1816 n	9,5284	1,2438 n	0,8265	9,2144	— 0,06
11	9,1234 n	9,2001	1,2632 n	0,5182	9,2813	— 0,06
21	9,0598 n	8,6541	1,2690 n	9,2826 n	9,3393	— 0,06
31	8,8947 n	5,0993 n	1,2618 n	0,5629 n	9,3905	— 0,06
Apr. 10	8,8871 n	8,2460	1,2415 n	0,8446 n	9,4362	— 0,06
20	8,7456 n	8,9316	1,2068 n	1,0047 n	9,4776	— 0,06
30	8,4985 n	9,2685	1,1556 n	1,1112 n	9,5154	— 0,06
Maj. 10	7,6511 n	9,4729	1,0836 n	1,1861 n	9,5502	— 0,06
20	8,4078	9,6000	0,9824 n	1,2390 n	9,5824	— 0,06
30	8,7652	9,6708	0,8342 n	1,2750 n	9,6123	— 0,06
Jun. 9	8,9680	9,6921	0,5876 n	1,2969 n	9,6404	— 0,06
19	9,1098	9,6604	9,9084 n	1,3061 n	9,6667	— 0,06
29	9,2172	9,5561	0,3556	1,3033 n	9,6915	— 0,06
Jul. 9	9,3018	9,3026	0,7228	1,2882 n	9,7150	— 0,06
19	9,3697	8,0613 n	0,9114	1,2601 n	9,7373	— 0,06
29	9,4248	9,4199 n	1,0336	1,2169 n	9,7585	— 0,06
Aug. 8	9,4697	9,7287 n	1,1194	1,1552 n	9,7787	— 0,05
18	9,5064	9,9075 n	1,1808	1,0684 n	9,7980	— 0,05
28	9,5368	0,0254 n	1,2239	0,9433 n	9,8164	— 0,06
Sept. 7	9,5625	0,1045 n	1,2519	0,7471 n	9,8342	— 0,06
17	9,5849	0,1549 n	1,2664	0,3460 n	9,8512	— 0,06
27	9,6055	0,1819 n	1,2682	0,0904	9,8676	— 0,06
Oct. 7	9,6255	0,1889 n	1,2572	0,6688	9,8834	— 0,06
17	9,6460	0,1786 n	1,2324	0,9020	9,8986	— 0,06
27	9,6677	0,1534 n	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,6909	0,1172 n	1,1322	1,1414	9,9276	— 0,06
16	9,7157	0,0756 n	1,0467	1,2099	9,9414	— 0,06
26	9,7416	0,0373 n	0,9221	1,2574	9,9547	— 0,06
Dec. 6	9,7681	0,0133 n	0,7254	1,2880	9,9677	— 0,06
16	9,7943	0,0137 n	0,3211	1,3038	9,9803	— 0,06
26	9,8195	0,0426 n	0,0774 n	1,3056	9,9925	— 0,06
36	9,8431	0,0953 n	0,6483 n	1,2937	0,0044	— 0,06

Tabula VIII.

1779.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,5010 n	0,0733 n	0,5102 n	1,2998	— ∞	— 0″,06
10	9,4485 n	0,1360 n	0,8072 n	1,2790	8,4362	— 0,05
20	9,3927 n	0,2057 n	0,9726 n	1,2425	8,7373	— 0,05
30	9,3343 n	0,2739 n	1,0814 n	1,1877	8,9134	— 0,05
Febr. 9	9,2743 n	0,3350 n	1,1570 n	1,1093	9,0383	— 0,05
19	9,2131 n	0,3859 n	1,2094 n	0,9969	9,1352	— 0,05
Mart. 1	9,1503 n	0,4253 n	1,2438 n	0,8265	9,2144	— 0,05
11	9,0838 n	0,4531 n	1,2632 n	0,5182	9,2813	— 0,06
21	9,0093 n	0,4696 n	1,2690 n	9,2825 n	9,3398	— 0,06
31	8,9185 n	0,4757 n	1,2618 n	0,5629 n	9,3905	— 0,06
Apr. 10	8,7957 n	0,4725 n	1,2415 n	0,8446 n	9,4362	— 0,06
20	8,6022 n	0,4619 n	1,2068 n	1,0047 n	9,4776	— 0,06
30	8,1727 n	0,4459 n	1,1556 n	1,1112 n	9,5154	— 0,06
Maj. 10	8,1210	0,4275 n	1,0836 n	1,1861 n	9,5502	— 0,06
20	8,6460	0,4099 n	0,9824 n	1,2390 n	9,5824	— 0,06
30	8,8917	0,3969 n	0,8342 n	1,2750 n	9,6123	— 0,06
Jun. 9	9,0554	0,3918 n	0,5875 n	1,2969 n	9,6404	— 0,06
19	9,1775	0,3969 n	9,9083 n	1,3061 n	9,6667	— 0,06
29	9,2732	0,4126 n	0,3556	1,3033 n	9,6915	— 0,05
Jul. 9	9,3504	0,4376 n	0,7229	1,2882 n	9,7150	— 0,05
19	9,4133	0,4691 n	0,9114	1,2601 n	9,7373	— 0,05
29	9,4648	0,5037 n	1,0336	1,2169 n	9,7585	— 0,05
Aug. 8	9,5073	0,5385 n	1,1194	1,1552 n	9,7787	— 0,05
18	9,5423	0,5706 n	1,1808	1,0684 n	9,7980	— 0,05
28	9,5715	0,5983 n	1,2239	0,9433 n	9,8164	— 0,05
Sept. 7	9,5963	0,6201 n	1,2519	0,7471 n	9,8342	— 0,05
17	9,6182	0,6353 n	1,2664	0,3460 n	9,8512	— 0,05
27	9,6382	0,6437 n	1,2682	0,0904	9,8676	— 0,05
Oct. 7	9,6577	0,6453 n	1,2572	0,6688	9,8834	— 0,06
17	9,6777	0,6408 n	1,2324	0,9020	9,8986	— 0,06
27	9,6987	0,6314 n	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,7212	0,6188 n	1,1322	1,1414	9,9276	— 0,06
16	9,7451	0,6051 n	1,0467	1,2099	9,9414	— 0,06
26	9,7701	0,5931 n	0,9221	1,2574	9,9547	— 0,06
Dec. 6	9,7955	0,5854 n	0,7254	1,2880	9,9677	— 0,05
16	9,8208	0,5844 n	0,3211	1,3038	9,9803	— 0,05
26	9,8452	0,5912 n	0,0774 n	1,3056	9,9925	— 0,05
36	9,8680	0,6057 n	0,6483 n	1,2937	0,0044	— 0,05

Tabula VIII.

1780.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,4412 *n*	0,5994 *n*	0,5102 *n*	1,2998	— ∞	—0,″05
11	9,3788 *n*	0,6180 *n*	0,8072 *n*	1,2790	8,4362	—0,05
21	9,3104 *n*	0,6412 *n*	0,9726 *n*	1,2425	8,7373	—0,05
31	9,2365 *n*	0,6664 *n*	1,0814 *n*	1,1877	8,9134	—0,05
Febr. 10	9,1571 *n*	0,6912 *n*	1,1570 *n*	1,1093	9,0383	—0,04
20	9,0718 *n*	0,7134 *n*	1,2094 *n*	0,9969	9,1352	—0,05
Mart. 1	8,9780 *n*	0,7314 *n*	1,2438 *n*	0,8265	9,2144	—0,05
11	8,8697 *n*	0,7445 *n*	1,2632 *n*	0,5182	9,2813	—0,05
21	8,7329 *n*	0,7520 *n*	1,2690 *n*	9,2823 *n*	9,3393	—0,05
31	8,5303 *n*	0,7543 *n*	1,2618 *n*	0,5629 *n*	9,3905	—0,05
Apr. 10	8,1000 *n*	0,7517 *n*	1,2415 *n*	0,8446 *n*	9,4362	—0,05
20	8,0320	0,7451 *n*	1,2068 *n*	1,0047 *n*	9,4776	—0,05
30	8,5657	0,7358 *n*	1,1556 *n*	1,1112 *n*	9,5154	—0,05
Maj. 10	8,8180	0,7254 *n*	1,0836 *n*	1,1861 *n*	9,5502	—0,05
20	8,9898	0,7155 *n*	0,9824 *n*	1,2390 *n*	9,5824	—0,05
30	9,1213	0,7080 *n*	0,8342 *n*	1,2750 *n*	9,6123	—0,05
Jun. 9	9,2273	0,7043 *n*	0,5875 *n*	1,2969 *n*	9,6404	—0,05
19	9,3149	0,7056 *n*	9,9082 *n*	1,3061 *n*	9,6667	—0,05
29	9,3882	0,7122 *n*	0,3556	1,3033 *n*	9,6915	—0,04
Jul. 9	9,4499	0,7237 *n*	0,7229	1,2882 *n*	9,7150	—0,04
19	9,5018	0,7391 *n*	0,9114	1,2601 *n*	9,7373	—0,04
29	9,5454	0,7570 *n*	1,0336	1,2169 *n*	9,7585	—0,04
Aug. 8	9,5819	0,7756 *n*	1,1194	1,1551 *n*	9,7787	—0,04
18	9,6124	0,7934 *n*	1,1808	1,0684 *n*	9,7980	—0,04
28	9,6383	0,8092 *n*	1,2239	0,9433 *n*	9,8164	—0,04
Sept. 7	9,6604	0,8217 *n*	1,2519	0,7471 *n*	9,8342	—0,04
17	9,6800	0,8303 *n*	1,2664	0,3460 *n*	9,8512	—0,04
27	9,6982	0,8346 *n*	1,2682	0,0904	9,8676	—0,04
Oct. 7	9,7159	0,8346 *n*	1,2572	0,6688	9,8834	—0,04
17	9,7340	0,8307 *n*	1,2324	0,9020	9,8986	—0,04
27	9,7532	0,8236 *n*	1,1919	1,0443	9,9134	—0,04
Nov. 6	9,7736	0,8144 *n*	1,1322	1,1414	9,9276	—0,04
16	9,7954	0,8046 *n*	1,0467	1,2099	9,9414	—0,04
26	9,8182	0,7958 *n*	0,9222	1,2574	9,9547	—0,04
Dec. 6	9,8416	0,7898 *n*	0,7254	1,2880	9,9677	—0,04
16	9,8648	0,7880 *n*	0,3211	1,3038	9,9803	—0,04
26	9,8873	0,7910 *n*	0,0773 *n*	1,3056	9,9925	—0,04
36	9,9085	0,7989 *n*	0,6482 *n*	1,2937	0,0044	—0,04

Tabula VIII.

1781.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,8104 n	0,7954 n	0,5102 n	1,2998	— ∞	— 0,04″
10	9,2218 n	0,8061 n	0,8072 n	1,2790	8,4362	— 0,03
20	9,1175 n	0,8201 n	0,9726 n	1,2425	8,7373	— 0,03
30	8,9927 n	0,8358 n	1,0814 n	1,1877	8,9134	— 0,03
Febr. 9	8,8379 n	0,8516 n	1,1570 n	1,1093	9,0383	— 0,03
19	8,6283 n	0,8659 n	1,2094 n	0,9969	9,1352	— 0,03
Mart. 1	8,2758 n	0,8776 n	1,2438 n	0,8265	9,2144	— 0,03
11	7,4474	0,8859 n	1,2632 n	0,5182	9,2813	— 0,03
21	8,3715	0,8903 n	1,2690 n	9,2822 n	9,3393	— 0,03
31	8,6471	0,8909 n	1,2618 n	0,5629 n	9,3905	— 0,04
Apr. 10	8,8220	0,8879 n	1,2415 n	0,8446 n	9,4362	— 0,04
20	8,8564	0,8820 n	1,2068 n	1,0047 n	9,4776	— 0,04
30	9,0685	0,8741 n	1,1556 n	1,1112 n	9,5154	— 0,04
Maj. 10	9,1666	0,8653 n	1,0836 n	1,1861 n	9,5502	— 0,04
20	9,2536	0,8570 n	0,9824 n	1,2390 n	9,5824	— 0,04
30	9,3315	0,8503 n	0,8342 n	1,2750 n	9,6123	— 0,03
Jun. 9	9,4009	0,8464 n	0,5875 n	1,2969 n	9,6404	— 0,03
19	9,4625	0,8460 n	9,9081 n	1,3061 n	9,6667	— 0,03
29	9,5168	0,8496 n	0,3557	1,3033 n	9,6915	— 0,03
Jul. 9	9,5642	0,8567 n	0,7229	1,2882 n	9,7150	— 0,03
19	9,6053	0,8669 n	0,9114	1,2601 n	9,7373	— 0,03
29	9,6406	0,8790 n	1,0336	1,2169 n	9,7585	— 0,02
Aug. 8	9,6707	0,8920 n	1,1194	1,1551 n	9,7787	— 0,02
18	9,6963	0,9045 n	1,1808	1,0684 n	9,7980	— 0,02
28	9,7181	0,9156 n	1,2239	0,9433 n	9,8164	— 0,02
Sept. 7	9,7371	0,9243 n	1,2519	0,7470 n	9,8342	— 0,02
17	9,7541	0,9300 n	1,2664	0,3460 n	9,8512	— 0,03
27	9,7699	0,9324 n	1,2682	0,0904	9,8676	— 0,03
Oct. 7	9,7853	0,9312 n	1,2572	0,6688	9,8834	— 0,03
17	9,8012	0,9269 n	1,2324	0,9020	9,8986	— 0,03
27	9,8180	0,9201 n	1,1919	1,0443	9,9134	— 0,03
Nov. 6	9,8360	0,9115 n	1,1322	1,1414	9,9276	— 0,03
16	9,8553	0,9025 n	1,0467	1,2099	9,9414	— 0,03
26	9,8755	0,8942 n	0,9222	1,2574	9,9547	— 0,03
Dec. 6	9,8963	0,8882 n	0,7254	1,2880	9,9677	— 0,02
16	9,9171	0,8854 n	0,3212	1,3038	9,9803	— 0,02
26	9,9374	0,8865 n	0,0772 n	1,3056	9,9925	— 0,02
36	9,9566	0,8916 n	0,6482 n	1,2937	0,0044	— 0,02

Tabula VIII.

1782.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,0404 *n*	0,8892 *n*	0,5101 *n*	1,2998	$-\infty$	— 0″,02
10	8,8547 *n*	0,8966 *n*	0,8072 *n*	1,2790	8,4362	— 0,02
20	8,5501 *n*	0,9067 *n*	0,9726 *n*	1,2425	8,7373	— 0,02
30	7,3606 *n*	0,9184 *n*	1,0814 *n*	1,1877	8,9134	— 0,01
Febr. 9	8,4421	0,9303 *n*	1,1570 *n*	1,1093	9,0383	— 0,01
19	8,7362	0,9411 *n*	1,2094 *n*	0,9969	9,1352	— 0,01
Mart. 1	8,8951	0,9498 *n*	1,2438 *n*	0,8265	9,2144	— 0,01
11	9,0028	0,9556 *n*	1,2632 *n*	0,5182	9,2813	— 0,02
21	9,0857	0,9583 *n*	1,2690 *n*	9,2821 *n*	9,3393	— 0,02
31	9,1556	0,9576 *n*	1,2618 *n*	0,5629 *n*	9,3905	— 0,02
Apr. 10	9,2188	0,9538 *n*	1,2415 *n*	0,8446 *n*	9,4362	— 0,02
20	9,2786	0,9476 *n*	1,2068 *n*	1,0047 *n*	9,4776	— 0,02
30	9,3365	0,9396 *n*	1,1556 *n*	1,1112 *n*	9,5154	— 0,02
Maj. 10	9,3928	0,9308 *n*	1,0836 *n*	1,1861 *n*	9,5502	— 0,02
20	9,4472	0,9223 *n*	0,9824 *n*	1,2390 *n*	9,5824	— 0,02
30	9,4991	0,9153 *n*	0,8342 *n*	1,2750 *n*	9,6123	— 0,02
Jun. 9	9,5479	0,9106 *n*	0,5875 *n*	1,2969 *n*	9,6404	— 0,01
19	9,5931	0,9090 *n*	9,9080 *n*	1,3061 *n*	9,6667	— 0,01
29	9,6343	0,9107 *n*	0,3557	1,3033 *n*	9,6915	— 0,01
Jul. 9	9,6713	0,9156 *n*	0,7229	1,2882 *n*	9,7150	— 0,01
19	9,7040	0,9232 *n*	0,9114	1,2601 *n*	9,7373	— 0,01
29	9,7326	0,9326 *n*	1,0337	1,2169 *n*	9,7585	— 0,01
Aug. 8	9,7574	0,9428 *n*	1,1194	1,1551 *n*	9,7787	0,00
18	9,7786	0,9528 *n*	1,1808	1,0683 *n*	9,7980	0,00
28	9,7970	0,9615 *n*	1,2239	0,9433 *n*	9,8164	0,00
Sept. 7	9,8131	0,9682 *n*	1,2519	0,7470 *n*	9,8342	— 0,01
17	9,8276	0,9721 *n*	1,2664	0,3460 *n*	9,8512	— 0,01
27	9,8411	0,9730 *n*	1,2682	0,0905	9,8676	— 0,01
Oct. 7	9,8544	0,9708 *n*	1,2572	0,6688	9,8834	— 0,01
17	9,8681	0,9657 *n*	1,2324	0,9020	9,8986	— 0,01
27	9,8827	0,9582 *n*	1,1919	1,0443	9,9134	— 0,01
Nov. 6	9,8984	0,9491 *n*	1,1322	1,1414	9,9276	— 0,01
16	9,9153	0,9395 *n*	1,0467	1,2099	9,9414	— 0,01
26	9,9331	0,9306 *n*	0,9222	1,2574	9,9547	— 0,01
Dec. 6	9,9515	0,9237 *n*	0,7254	1,2880	9,9677	— 0,01
16	9,9700	0,9198 *n*	0,3212	1,3038	9,9803	0,00
26	9,9880	0,9194 *n*	0,0772 *n*	1,3056	9,9925	0,00
36	0,0052	0,9228 *n*	0,6482 *n*	1,2937	0,0044	0,00

Tabula VIII.

1783.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	7,4172 n	0,9211 n	0,5101 n	1,2998	— ∞	0,00″
10	8,5536	0,9266 n	0,8072 n	1,2790	8,4362	0,00
20	8,8574	0,9347 n	0,9726 n	1,2425	8,7373	0,00
30	9,0228	0,9444 n	1,0814 n	1,1877	8,9134	0,00
Febr. 9	9,1320	0,9543 n	1,1570 n	1,1093	9,0383	0,00
19	9,2107	0,9633 n	1,2094 n	0,9969	9,1352	0,00
Mart. 1	9,2711	0,9704 n	1,2438 n	0,8265	9,2144	0,00
11	9,3200	0,9747 n	1,2632 n	0,5182	9,2813	0,00
21	9,3621	0,9760 n	1,2690 n	9,2820 n	9,3393	0,00
31	9,4007	0,9741 n	1,2618 n	0,5629 n	9,3905	0,00
Apr. 10	9,4379	0,9693 n	1,2415 n	0,8446 n	9,4362	0,00
20	9,4752	0,9620 n	1,2068 n	1,0047 n	9,4776	0,00
30	9,5130	0,9530 n	1,1556 n	1,1112 n	9,5154	0,00
Maj. 10	9,5514	0,9431 n	1,0836 n	1,1861 n	9,5502	0,00
20	9,5899	0,9336 n	0,9824 n	1,2390 n	9,5824	0,00
30	9,6280	0,9254 n	0,8342 n	1,2750 n	9,6123	0,00
Jun. 9	9,6649	0,9194 n	0,5875 n	1,2969 n	9,6404	0,00
19	9,6999	0,9164 n	9,9079 n	1,3061 n	9,6667	+ 0,01
29	9,7324	0,9167 n	0,3557	1,3033 n	9,6915	+ 0,01
Jul. 9	9,7622	0,9201 n	0,7229	1,2882 n	9,7150	+ 0,01
19	9,7889	0,9262 n	0,9114	1,2601 n	9,7373	+ 0,01
29	9,8126	0,9342 n	1,0337	1,2169 n	9,7585	+ 0,01
Aug. 8	9,8333	0,9431 n	1,1194	1,1551 n	9,7787	+ 0,01
18	9,8512	0,9518 n	1,1808	1,0683 n	9,7980	+ 0,01
28	9,8668	0,9592 n	1,2239	0,9433 n	9,8164	+ 0,01
Sept. 7	9,8805	0,9647 n	1,2519	0,7470 n	9,8342	+ 0,01
17	9,8929	0,9674 n	1,2664	0,3460 n	9,8512	+ 0,01
27	9,9046	0,9671 n	1,2682	0,0905	9,8676	+ 0,01
Oct. 7	9,9161	0,9636 n	1,2572	0,6688	9,8834	+ 0,01
17	9,9280	0,9571 n	1,2324	0,9020	9,8986	+ 0,01
27	9,9407	0,9481 n	1,1919	1,0443	9,9134	+ 0,01
Nov. 6	9,9544	0,9375 n	1,1322	1,1414	9,9276	+ 0,01
16	9,9692	0,9263 n	1,0467	1,2099	9,9414	+ 0,01
26	9,9850	0,9157 n	0,9222	1,2574	9,9547	+ 0,01
Dec. 6	0,0013	0,9071 n	0,7254	1,2880	9,9677	+ 0,01
16	0,0177	0,9016 n	0,3212	1,3038	9,9803	+ 0,01
26	0,0339	0,8998 n	0,0771 n	1,3056	9,9925	+ 0,02
36	0,0493	0,9019 n	0,6482 n	1,2937	0,0044	+ 0,02

Tabula VIII.

1784.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,0243	0,9006 *n*	0,5101 *n*	1,2998	— ∞	+ 0″,02
11	9,1584	0,9049 *n*	0,8072 *n*	1,2790	8,4362	+ 0,02
21	9,2556	0,9121 *n*	0,9726 *n*	1,2425	8,7373	+ 0,02
31	9,3291	0,9209 *n*	1,0814 *n*	1,1877	8,9134	+ 0,02
Febr. 10	9,3862	0,9300 *n*	1,1570 *n*	1,1093	9,0383	+ 0,02
20	9,4315	0,9382 *n*	1,2094 *n*	0,9969	9,1352	+ 0,02
Mart. 1	9,4686	0,9444 *n*	1,2438 *n*	0,8265	9,2144	+ 0,02
11	9,5000	0,9477 *n*	1,2632 *n*	0,5182	9,2813	+ 0,02
21	9,5280	0,9478 *n*	1,2690 *n*	9,2819 *n*	9,3393	+ 0,02
31	9,5545	0,9445 *n*	1,2618 *n*	0,5629 *n*	9,3905	+ 0,02
Apr. 10	9,5807	0,9380 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,02
20	9,6076	0,9288 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,02
30	9,6356	0,9177 *n*	1,1556 *n*	1,1112 *n*	9,5154	+ 0,02
Maj. 10	9,6646	0,9057 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,02
20	9,6944	0,8938 *n*	0,9824 *n*	1,2390 *n*	9,5824	+ 0,02
30	9,7244	0,8833 *n*	0,8342 *n*	1,2750 *n*	9,6123	+ 0,02
Jun. 9	9,7540	0,8752 *n*	0,5874 *n*	1,2969 *n*	9,6404	+ 0,02
19	9,7825	0,8704 *n*	9,9078 *n*	1,3061 *n*	9,6667	+ 0,02
29	9,8094	0,8692 *n*	0,3558	1,3033 *n*	9,6915	+ 0,03
Jul. 9	9,8343	0,8715 *n*	0,7229	1,2882 *n*	9,7150	+ 0,03
19	9,8569	0,8769 *n*	0,9114	1,2601 *n*	9,7373	+ 0,03
29	9,8770	0,8844 *n*	1,0337	1,2169 *n*	9,7585	+ 0,03
Aug. 8	9,8948	0,8929 *n*	1,1194	1,1551 *n*	9,7787	+ 0,03
18	9,9102	0,9013 *n*	1,1808	1,0683 *n*	9,7980	+ 0,03
28	9,9237	0,9083 *n*	1,2239	0,9433 *n*	9,8164	+ 0,03
Sept. 7	9,9356	0,9130 *n*	1,2519	0,7470 *n*	9,8342	+ 0,03
17	9,9463	0,9148 *n*	1,2664	0,3460 *n*	9,8512	+ 0,03
27	9,9565	0,9131 *n*	1,2682	0,0905	9,8676	+ 0,03
Oct. 7	9,9666	0,9078 *n*	1,2572	0,6688	9,8834	+ 0,03
17	9,9770	0,8991 *n*	1,2324	0,9020	9,8986	+ 0,03
27	9,9882	0,8874 *n*	1,1919	1,0443	9,9134	+ 0,03
Nov. 6	0,0004	0,8737 *n*	1,1322	1,1414	9,9276	+ 0,03
16	0,0136	0,8592 *n*	1,0467	1,2099	9,9414	+ 0,03
26	0,0276	0,8454 *n*	0,9222	1,2574	9,9547	+ 0,03
Dec. 6	0,0432	0,8337 *n*	0,7254	1,2880	9,9677	+ 0,03
16	0,0571	0,8255 *n*	0,3213	1,3038	9,9803	+ 0,03
26	0,0718	0,8218 *n*	0,0770 *n*	1,3056	9,9925	+ 0,03
36	0,0858	0,8227 *n*	0,6482 *n*	1,2937	0,0044	+ 0,04

Tabula VIII.

1785.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan, 0	9,3096	0,8218 n	0,5101 n	1,2998	$-\infty$	+ 0″,04
10	9,3835	0,8254 n	0,8072 n	1,2790	8,4362	+ 0,04
20	9,4432	0,8325 n	0,9726 n	1,2425	8,7373	+ 0,04
30	9,4917	0,8415 n	1,0814 n	1,1877	8,9134	+ 0,04
Febr. 9	9,5312	0,8510 n	1,1570 n	1,1093	9,0383	+ 0,04
19	9,5636	0,8594 n	1,2094 n	0,9969	9,1352	+ 0,04
Mart. 1	9,5907	0,8654 n	1,2438 n	0,8265	9,2144	+ 0,04
11	9,6141	0,8680 n	1,2632 n	0,5182	9,2813	+ 0,04
21	9,6353	0,8668 n	1,2690 n	9,2817 n	9,3393	+ 0,04
31	9,6557	0,8614 n	1,2618 n	0,5629 n	9,3905	+ 0,04
Apr. 10	9,6761	0,8521 n	1,2415 n	0,8446 n	9,4362	+ 0,04
20	9,6974	0,8394 n	1,2068 n	1,0047 n	9,4776	+ 0,03
30	9,7198	0,8242 n	1,1556 n	1,1113 n	9,5154	+ 0,03
Maj. 10	9,7435	0,8077 n	1,0836 n	1,1861 n	9,5502	+ 0,04
20	9,7681	0,7912 n	0,9824 n	1,2390 n	9,5824	+ 0,04
30	9,7932	0,7762 n	0,8342 n	1,2750 n	9,6123	+ 0,04
Jun. 9	9,8182	0,7642 n	0,5874 n	1,2969 n	9,6404	+ 0,04
19	9,8425	0,7563 n	9,9078 n	1,3061 n	9,6667	+ 0,04
29	9,8657	0,7530 n	0,3558	1,3038 n	9,6915	+ 0,04
Jul. 9	9,8873	0,7544 n	0,7230	1,2882 n	9,7150	+ 0,04
19	9,9071	0,7598 n	0,9114	1,2601 n	9,7373	+ 0,05
29	9,9248	0,7680 n	1,0337	1,2169 n	9,7585	+ 0,05
Aug. 8	9,9404	0,7775 n	1,1194	1,1551 n	9,7787	+ 0,05
18	9,9540	0,7868 n	1,1808	1,0683 n	9,7980	+ 0,05
28	9,9660	0,7945 n	1,2239	0,9433 n	9,8164	+ 0,05
Sept. 7	9,9765	0,7992 n	1,2519	0,7470 n	9,8342	+ 0,05
17	9,9860	0,8001 n	1,2664	0,3459 n	9,8512	+ 0,05
27	9,9950	0,7964 n	1,2682	0,0905	9,8676	+ 0,04
Oct. 7	0,0039	0,7880 n	1,2572	0,6688	9,8834	+ 0,04
17	0,0133	0,7749 n	1,2324	0,9020	9,8986	+ 0,04
27	0,0233	0,7578 n	1,1919	1,0443	9,9134	+ 0,04
Nov. 6	0,0343	0,7376 n	1,1322	1,1414	9,9276	+ 0,04
16	0,0462	0,7160 n	1,0467	1,2099	9,9414	+ 0,04
26	0,0590	0,6949 n	0,9222	1,2574	9,9547	+ 0,04
Dec. 6	0,0724	0,6764 n	0,7255	1,2880	9,9677	+ 0,04
16	0,0861	0,6628 n	0,3213	1,3038	9,9803	+ 0,05
26	0,0995	0,6556 n	0,0770 n	1,3056	9,9925	+ 0,05
36	0,1125	0,6550 n	0,6481 n	1,2937	0,0044	+ 0,05

Tabula VIII.

1786.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,4494	0,6545 n	0,5100 n	1,2998	— ∞	+ 0″,05
10	9,5032	0,6579 n	0,8072 n	1,2790	8,4362	+ 0,05
20	9,5484	0,6664 n	0,9726 n	1,2425	8,7373	+ 0,05
30	9,5861	0,6779 n	1,0814 n	1,1877	8,9134	+ 0,05
Febr. 9	9,6174	0,6900 n	1,1570 n	1,1093	9,0383	+ 0,05
19	9,6434	0,7006 n	1,2094 n	0,9969	9,1352	+ 0,05
Mart. 1	9,6654	0,7076 n	1,2438 n	0,8265	9,2144	+ 0,05
11	9,6845	0,7099 n	1,2632 n	0,5183	9,2813	+ 0,05
21	9,7020	0,7065 n	1,2690 n	9,2816 n	9,3393	+ 0,05
31	9,7189	0,6972 n	1,2618 n	0,5629 n	9,3905	+ 0,05
Apr. 10	9,7360	0,6820 n	1,2415 n	0,8446 n	9,4362	+ 0,05
20	9,7540	0,6614 n	1,2068 n	1,0047 n	9,4776	+ 0,05
30	9,7732	0,6366 n	1,1556 n	1,1113 n	9,5154	+ 0,05
Maj. 10	9,7937	0,6090 n	1,0836 n	1,1861 n	9,5502	+ 0,05
20	9,8151	0,5807 n	0,9824 n	1,2390 n	9,5824	+ 0,05
30	9,8372	0,5541 n	0,8341 n	1,2750 n	9,6123	+ 0,05
Jun. 9	9,8594	0,5318 n	0,5874 n	1,2969 n	9,6404	+ 0,05
19	9,8811	0,5160 n	9,9077 n	1,3061 n	9,6667	+ 0,05
29	9,9020	0,5081 n	0,3558	1,3033 n	9,6915	+ 0,05
Jul. 9	9,9215	0,5085 n	0,7230	1,2882 n	9,7150	+ 0,05
19	9,9393	0,5158 n	0,9114	1,2601 n	9,7373	+ 0,06
29	9,9554	0,5281 n	1,0337	1,2169 n	9,7585	+ 0,06
Aug. 8	9,9696	0,5426 n	1,1194	1,1551 n	9,7787	+ 0,06
18	9,9820	0,5567 n	1,1808	1,0683 n	9,7980	+ 0,06
28	9,9928	0,5678 n	1,2239	0,9433 n	9,8164	+ 0,06
Sept. 7	0,0023	0,5741 n	1,1519	0,7470 n	9,8342	+ 0,06
17	0,0109	0,5738 n	1,2664	0,3459 n	9,8512	+ 0,05
27	0,0191	0,5660 n	1,2682	0,0905	9,8676	+ 0,05
Oct. 7	0,0272	0,5499 n	1,2572	0,6688	9,8834	+ 0,05
17	0,0357	0,5252 n	1,2324	0,9020	9,8986	+ 0,05
27	0,0449	0,4924 n	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0550	0,4524 n	1,1322	1,1414	9,9276	+ 0,05
16	0,0661	0,4074 n	1,0467	1,2099	9,9414	+ 0,05
26	0,0780	0,3607 n	0,9222	1,2574	9,9547	+ 0,05
Dec. 6	0,0905	0,3173 n	0,7255	1,2880	9,9677	+ 0,05
16	0,1033	0,2827 n	0,3214	1,3038	9,9803	+ 0,05
26	0,1160	0,2620 n	0,0769 n	1,3056	9,9925	+ 0,06
36	0,1281	0,2579 n	0,6481 n	1,2937	0,0044	+ 0,06

Tabula VIII.

1787.

		Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan.	0	9,5177	0,2575 *n*	0,5100 *n*	1,2998	— ∞	+ 0″,06
	10	9,5630	0,2631 *n*	0,8071 *n*	1,2790	8,4362	+ 0,06
	20	9,6017	0,2813 *n*	0,9726 *n*	1,2425	8,7373	+ 0,06
	30	9,6343	0,3062 *n*	1,0814 *n*	1,1877	8,9134	+ 0,06
Febr.	9	9,6615	0,3319 *n*	1,1570 *n*	1,1093	9,0383	+ 0,06
	19	9,6842	0,3534 *n*	1,2094 *n*	0,9969	9,1352	+ 0,06
Mart.	1	9,7035	0,3669 *n*	1,2438 *n*	0,8265	9,2144	+ 0,06
	11	9,7203	0,3699 *n*	1,2632 *n*	0,5183	9,2813	+ 0,06
	21	9,7357	0,3605 *n*	1,2690 *n*	9,2815 *n*	9,3393	+ 0,06
	31	9,7506	0,3374 *n*	1,2619 *n*	0,5629 *n*	9,3905	+ 0,06
Apr.	10	9,7658	0,2996 *n*	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
	20	9,7820	0,2459 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
	30	9,7994	0,1753 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj.	10	9,8180	0,0869 *n*	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
	20	9,8377	9,9805 *n*	0,9824 *n*	1,2390 *n*	9,5824	+ 0,05
	30	9,8581	9,8580 *n*	0,8341 *n*	1,2751 *n*	9,6123	+ 0,05
Jun.	9	9,8787	9,7267 *n*	0,5874 *n*	1,2969 *n*	9,6404	+ 0,06
	19	9,8990	9,6052 *n*	9,9076 *n*	1,3061 *n*	9,6667	+ 0,06
	29	9,9185	9,5262 *n*	0,3559	1,3033 *n*	9,6915	+ 0,06
Jul.	9	9,9368	9,5188 *n*	0,7230	1,2882 *n*	9,7150	+ 0,06
	19	9,9536	9,5770 *n*	0,9114	1,2601 *n*	9,7373	+ 0,06
	29	9,9687	9,6666 *n*	1,0337	1,2169 *n*	9,7585	+ 0,06
Aug.	8	9,9820	9,7571 *n*	1,1194	1,1551 *n*	9,7787	+ 0,06
	18	9,9936	9,8322 *n*	1,1808	1,0683 *n*	9,7980	+ 0,06
	28	0,0037	9,8845 *n*	1,2239	0,9453 *n*	9,8164	+ 0,06
Sept.	7	0,0126	9,9103 *n*	1,2519	0,7470 *n*	9,8342	+ 0,06
	17	0,0206	9,9058 *n*	1,2664	0,3459 *n*	9,8512	+ 0,06
	27	0,0282	9,8645 *n*	1,2682	0,0905	9,8676	+ 0,06
Oct.	7	0,0357	9,7724 *n*	1,2572	0,6688	9,8834	+ 0,06
	17	0,0437	9,5921 *n*	1,2324	0,9020	9,8986	+ 0,06
	27	0,0523	9,1506 *n*	1,1919	1,0443	9,9134	+ 0,05
Nov.	6	0,0619	9,1363	1,1322	1,1414	9,9276	+ 0,05
	16	0,0724	9,6239	1,0467	1,2099	9,9414	+ 0,05
	26	0,0838	9,8359	0,9222	1,2574	9,9547	+ 0,05
Dec.	6	0,0958	9,9581	0,7255	1,2880	9,9677	+ 0,06
	16	0,1081	0,0298	0,3214	1,3038	9,9803	+ 0,06
	26	0,1203	0,0659	0,0768 *n*	1,3056	9,9925	+ 0,06
	36	0,1320	0,0737	0,6481 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1788.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	9,5338	0,0737	0,5100 *n*	1,2998	— ∞	+ 0″,06
11	9,5763	0,0662	0,8071 *n*	1,2790	8,4362	+ 0,06
21	9,6128	0,0373	0,9725 *n*	1,2425	8,7373	+ 0,06
31	9,6436	9,9910	1,0814 *n*	1,1877	8,9134	+ 0,06
Febr. 10	9,6693	9,9338	1,1570 *n*	1,1093	9,0383	+ 0,06
20	9,6908	9,8764	1,2094 *n*	0,9969	9,1352	+ 0,06
Mart. 1	9,7089	9,8345	1,2438 *n*	0,8265	9,2144	+ 0,06
11	9,7246	9,8255	1,2632 *n*	0,5183	9,2813	+ 0,06
21	9,7390	9,8578	1,2690 *n*	9,2814 *n*	9,3393	+ 0,06
31	9,7530	9,9246	1,2619 *n*	0,5629 *n*	9,3905	+ 0,06
Apr. 10	9,7674	0,0099	1,2415 *n*	0,8446 *n*	9,4362	+ 0,06
20	9,7828	0,0989	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7994	0,1820	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8174	0,2545	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8365	0,3143	0,9824 *n*	1,2390 *n*	9,5824	+ 0,05
30	9,8563	0,3612	0,8341 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8764	0,3953	0,5874 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8962	0,4173	9,9075 *n*	1,3061 *n*	9,6667	+ 0,06
29	9,9153	0,4281	0,3559	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9332	0,4288	0,7230	1,2882 *n*	9,7150	+ 0,06
19	9,9496	0,4209	0,9114	1,2601 *n*	9,7373	+ 0,06
29	9,9644	0,4061	1,0337	1,2169 *n*	9,7585	+ 0,06
Aug. 8	9,9774	0,3870	1,1194	1,1551 *n*	9,7787	+ 0,06
18	9,9886	0,3669	1,1808	1,0683 *n*	9,7980	+ 0,06
28	9,9984	0,3499	1,2239	0,9433 *n*	9,8164	+ 0,06
Sept. 7	0,0069	0,3401	1,2519	0,7470 *n*	9,8342	+ 0,06
17	0,0146	0,3412	1,2664	0,3459 *n*	9,8512	+ 0,06
27	0,0219	0,3547	1,2682	0,0905	9,8676	+ 0,06
Oct. 7	0,0291	0,3802	1,2572	0,6688	9,8834	+ 0,05
17	0,0368	0,4145	1,2324	0,9020	9,8986	+ 0,05
27	0,0451	0,4537	1,1919	1,0443	9,9134	+ 0,05
Nov. 6	0,0545	0,4936	1,1322	1,1414	9,9276	+ 0,05
16	0,0648	0,5309	1,0467	1,2099	9,9414	+ 0,05
26	0,0760	0,5629	0,9222	1,2574	9,9547	+ 0,05
Dec. 6	0,0879	0,5880	0,7255	1,2880	9,9677	+ 0,05
16	0,1000	0,6054	0,3214	1,3037	9,9803	+ 0,05
26	0,1121	0,6147	0,0768 *n*	1,3056	9,9925	+ 0,05
36	0,1237	0,6163	0,6481 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1789.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,5003	0,6165	0,5100 *n*	1,2998	— ∞	+ 0″,05
10	9,5449	0,6137	0,8071 *n*	1,2790	8,4362	+ 0,06
20	9,5828	0,6050	0,9725 *n*	1,2425	8,7373	+ 0,06
30	9,6146	0,5923	1,0814 *n*	1,1877	8,9134	+ 0,06
Febr. 9	9,6411	0,5778	1,1570 *n*	1,1093	9,0383	+ 0,06
19	9,6630	0,5646	1,2094 *n*	0,9969	9,1352	+ 0,06
Mart. 1	9,6813	0,5555	1,2438 *n*	0,8265	9,2144	+ 0,05
11	9,6972	0,5528	1,2632 *n*	0,5183	9,2813	+ 0,05
21	9,7117	0,5581	1,2690 *n*	9,2812 *n*	9,3393	+ 0,05
31	9,7258	0,5713	1,2619 *n*	0,5629 *n*	9,3905	+ 0,05
Apr. 10	9,7403	0,5912	1,2415 *n*	0,8446 *n*	9,4362	+ 0,05
20	9,7559	0,6154	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7728	0,6416	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,7912	0,6673	1,0836 *n*	1,1861 *n*	9,5502	+ 0,05
20	9,8108	0,6906	0,9824 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8311	0,7101	0,8341 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8518	0,7249	0,5874 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8722	0,7345	9,9074 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,8918	0,7389	0,3560	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9101	0,7385	0,7230	1,2882 *n*	9,7150	+ 0,05
19	9,9269	0,7337	0,9115	1,2601 *n*	9,7373	+ 0,05
29	9,9420	0,7256	1,0337	1,2169 *n*	9,7585	+ 0,05
Aug. 8	9,9551	0,7156	1,1194	1,1551 *n*	9,7787	+ 0,05
18	9,9666	0,7054	1,1808	1,0683 *n*	9,7980	+ 0,05
28	9,9764	0,6966	1,2239	0,9433 *n*	9,8164	+ 0,05
Sept. 7	9,9849	0,6912	1,2519	0,7470 *n*	9,8342	+ 0,05
17	9,9926	0,6905	1,2664	0,3459 *n*	9,8512	+ 0,05
27	9,9998	0,6956	1,2682	0,0905	9,8676	+ 0,05
Oct. 7	0,0070	0,7062	1,2572	0,6688	9,8834	+ 0,04
17	0,0147	0,7217	1,2324	0,9020	9,8986	+ 0,04
27	0,0231	0,7404	1,1919	1,0443	9,9134	+ 0,04
Nov. 6	0,0325	0,7605	1,1322	1,1414	9,9276	+ 0,04
16	0,0430	0,7801	1,0467	1,2099	9,9414	+ 0,04
26	0,0544	0,7974	0,9222	1,2574	9,9547	+ 0,04
Dec. 6	0,0666	0,8113	0,7255	1,2880	9,9677	+ 0,04
16	0,0790	0,8208	0,3215	1,3037	9,9803	+ 0,04
26	0,0913	0,8255	0,0767 *n*	1,3056	9,9925	+ 0,04
36	0,1032	0,8255	0,6481 *n*	1,2937	0,0044	+ 0,04

Tabula VIII.

1790.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,4073	0,8260	0,5099 *n*	1,2998	— ∞	+ 0,04″
10	9,4605	0,8233	0,8071 *n*	1,2790	8,4362	+ 0,05
20	9,5049	0,8170	0,9725 *n*	1,2425	8,7373	+ 0,05
30	9,5416	0,8081	1,0814 *n*	1,1877	8,9134	+ 0,05
Febr. 9	9,5717	0,7983	1,1569 *n*	1,1093	9,0383	+ 0,05
19	9,5963	0,7893	1,2094 *n*	0,9969	9,1352	+ 0,04
Mart. 1	9,6167	0,7827	1,2438 *n*	0,8266	9,2144	+ 0,04
11	9,6342	0,7800	1,2632 *n*	0,5183	9,2813	+ 0,04
21	9,6501	0,7819	1,2690 *n*	9,2811 *n*	9,3393	+ 0,04
31	9,6655	0,7887	1,2619 *n*	0,5629 *n*	9,3905	+ 0,04
Apr. 10	9,6813	0,7996	1,2415 *n*	0,8446 *n*	9,4362	+ 0,04
20	9,6985	0,8136	1,2068 *n*	1,0047 *n*	9,4776	+ 0,03
30	9,7170	0,8292	1,1556 *n*	1,1113 *n*	9,5154	+ 0,03
Maj. 10	9,7372	0,8450	1,0835 *n*	1,1861 *n*	9,5502	+ 0,03
20	9,7586	0,8595	0,9824 *n*	1,2391 *n*	9,5824	+ 0,03
30	9,7810	0,8718	0,8341 *n*	1,2751 *n*	9,6123	+ 0,03
Jun. 9	9,8035	0,8810	0,5873 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,8257	0,8867	9,9073 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8470	0,8887	0,3560	1,3033 *n*	9,6915	+ 0,04
Jul. 9	9,8668	0,8873	0,7230	1,2882 *n*	9,7150	+ 0,04
19	9,8849	0,8829	0,9115	1,2601 *n*	9,7373	+ 0,04
29	9,9010	0,8760	1,0337	1,2169 *n*	9,7585	+ 0,04
Aug. 8	9,9150	0,8678	1,1194	1,1551 *n*	9,7787	+ 0,04
18	9,9272	0,8594	1,1808	1,0683 *n*	9,7980	+ 0,04
28	9,9375	0,8521	1,2239	0,9432 *n*	9,8164	+ 0,04
Sept. 7	9,9465	0,8470	1,2519	0,7470 *n*	9,8342	+ 0,04
17	9,9545	0,8453	1,2664	0,3459 *n*	9,8512	+ 0,03
27	9,9620	0,8476	1,2682	0,0906	9,8676	+ 0,03
Oct. 7	9,9695	0,8539	1,2572	0,6688	9,8834	+ 0,03
17	9,9775	0,8637	1,2324	0,9020	9,8986	+ 0,03
27	9,9864	0,8760	1,1919	1,0443	9,9134	+ 0,03
Nov. 6	9,9963	0,8896	1,1322	1,1414	9,9276	+ 0,03
16	0,0074	0,9031	1,0467	1,2099	9,9414	+ 0,02
26	0,0195	0,9151	0,9222	1,2574	9,9547	+ 0,03
Dec. 6	0,0323	0,9245	0,7255	1,2880	9,9677	+ 0,03
16	0,0455	0,9307	0,3215	1,3037	9,9803	+ 0,03
26	0,0585	0,9333	0,0766 *n*	1,3056	9,9925	+ 0,03
36	0,0711	0,9322	0,6481 *n*	1,2937	0,0044	+ 0,03

Tabula VIII.

1791.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,2183	0,9330	0,5099 *n*	1,2998	— ∞	+ 0,03″
10	9,2965	0,9297	0,8071 *n*	1,2790	8,4362	+ 0,03
20	9,3587	0,9236	0,9725 *n*	1,2425	8,7373	+ 0,03
30	9,4083	0,9155	1,0814 *n*	1,1877	8,9134	+ 0,03
Febr. 9	9,4476	0,9066	1,1569 *n*	1,1093	9,0383	+ 0,03
19	9,4791	0,8983	1,2094 *n*	0,9969	9,1352	+ 0,03
Mart. 1	9,5048	0,8919	1,2438 *n*	0,8266	9,2144	+ 0,03
11	9,5266	0,8884	1,2632 *n*	0,5183	9,2813	+ 0,02
21	9,5460	0,8886	1,2690 *n*	9,2810 *n*	9,3393	+ 0,02
31	9,5648	0,8926	1,2619 *n*	0,5629 *n*	9,3905	+ 0,02
Apr. 10	9,5840	0,8999	1,2415 *n*	0,8446 *n*	9,4362	+ 0,02
20	9,6046	0,9098	1,2068 *n*	1,0047 *n*	9,4776	+ 0,02
30	9,6270	0,9211	1,1556 *n*	1,1113 *n*	9,5154	+ 0,02
Maj. 10	9,6511	0,9326	1,0835 *n*	1,1861 *n*	9,5502	+ 0,02
20	9,6767	0,9433	0,9824 *n*	1,2391 *n*	9,5824	+ 0,02
30	9,7030	0,9522	0,8341 *n*	1,2751 *n*	9,6123	+ 0,02
Jun. 9	9,7294	0,9587	0,5873 *n*	1,2969 *n*	9,6404	+ 0,02
19	9,7552	0,9623	9,9072 *n*	1,3061 *n*	9,6667	+ 0,02
29	9,7798	0,9628	0,3560	1,3033 *n*	9,6915	+ 0,02
Jul. 9	9,8025	0,9604	0,7230	1,2882 *n*	9,7150	+ 0,02
19	9,8231	0,9554	0,9115	1,2601 *n*	9,7373	+ 0,02
29	9,8413	0,9484	1,0337	1,2169 *n*	9,7585	+ 0,02
Aug. 8	9,8571	0,9402	1,1194	1,1551 *n*	9,7787	+ 0,02
18	9,8706	0,9318	1,1808	1,0683 *n*	9,7980	+ 0,02
28	9,8821	0,9242	1,2239	0,9432 *n*	9,8164	+ 0,02
Sept. 7	9,8920	0,9186	1,2519	0,7470 *n*	9,8342	+ 0,02
17	9,9008	0,9158	1,2664	0,3459 *n*	9,8512	+ 0,01
27	9,9091	0,9163	1,2682	0,0906	9,8676	+ 0,01
Oct. 7	9,9173	0,9203	1,2572	0,6688	9,8834	+ 0,01
17	9,9261	0,9274	1,2324	0,9020	9,8986	+ 0,01
27	9,9359	0,9368	1,1919	1,0443	9,9134	+ 0,01
Nov. 6	9,9469	0,9473	1,1322	1,1414	9,9276	+ 0,01
16	9,9591	0,9578	1,0467	1,2099	9,9414	+ 0,01
26	9,9724	0,9671	0,9222	1,2574	9,9547	+ 0,01
Dec. 6	9,9865	0,9743	0,7255	1,2880	9,9677	+ 0,01
16	0,0009	0,9786	0,3215	1,3037	9,9803	+ 0,01
26	0,0152	0,9796	0,0766 *n*	1,3056	9,9925	+ 0,01
36	0,0289	0,9774	0,6480 *n*	1,2937	0,0044	+ 0,01

Tabula VIII.

1792.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	8,7520	0,9786	0,5099 n	1,2998	— ∞	+ 0,01″
11	8,9483	0,9744	0,8071 n	1,2790	8,4362	+ 0,01
21	9,0752	0,9676	0,9725 n	1,2425	8,7373	+ 0,01
31	9,1648	0,9589	1,0814 n	1,1877	8,9134	+ 0,01
Febr. 10	9,2309	0,9496	1,1569 n	1,1093	9,0383	+ 0,01
20	9,2810	0,9407	1,2093 n	0,9969	9,1352	+ 0,01
Mart. 1	9,3203	0,9335	1,2438 n	0,8266	9,2144	+ 0,01
11	9,3526	0,9289	1,2632 n	0,5183	9,2813	+ 0,01
21	9,3808	0,9276	1,2690 n	9,2809 n	9,3393	0,00
31	9,4076	0,9298	1,2619 n	0,5629 n	9,3905	0,00
Apr. 10	9,4345	0,9351	1,2415 n	0,8446 n	9,4362	0,00
20	9,4630	0,9429	1,2068 n	1,0047 n	9,4776	0,00
30	9,4934	0,9520	1,1556 n	1,1113 n	9,5154	0,00
Maj. 10	9,5256	0,9614	1,0835 n	1,1861 n	9,5502	0,00
20	9,5591	0,9701	0,9824 n	1,2391 n	9,5824	0,00
30	9,5931	0,9772	0,8341 n	1,2751 n	9,6123	0,00
Jun. 9	9,6267	0,9820	0,5873 n	1,2969 n	9,6404	0,00
19	9,6590	0,9841	9,9071 n	1,3061 n	9,6667	0,00
29	9,6892	0,9834	0,3561	1,3033 n	9,6915	0,00
Jul. 9	9,7169	0,9798	0,7231	1,2882 n	9,7150	0,00
19	9,7417	0,9737	0,9115	1,2600 n	9,7373	0,00
29	9,7635	0,9656	1,0337	1,2169 n	9,7585	0,00
Aug. 8	9,7822	0,9564	1,1194	1,1551 n	9,7787	0,00
18	9,7982	0,9468	1,1808	1,0683 n	9,7980	0,00
28	9,8117	0,9381	1,2239	0,9432 n	9,8164	0,00
Sept. 7	9,8233	0,9312	1,2519	0,7470 n	9,8342	0,00
17	9,8335	0,9270	1,2664	0,3458 n	9,8512	— 0,01
27	9,8431	0,9260	1,2682	0,0906	9,8676	— 0,01
Oct. 7	9,8526	0,9284	1,2572	0,6688	9,8834	— 0,01
17	9,8628	0,9339	1,2324	0,9020	9,8986	— 0,01
27	9,8740	0,9417	1,1919	1,0443	9,9134	— 0,01
Nov. 6	9,8866	0,9507	1,1322	1,1414	9,9276	— 0,01
16	9,9006	0,9598	1,0467	1,2099	9,9414	— 0,01
26	9,9158	0,9677	0,9222	1,2574	9,9547	— 0,01
Dec. 6	9,9319	0,9735	0,7256	1,2880	9,9677	— 0,01
16	9,9482	0,9765	0,3216	1,3037	9,9803	— 0,01
26	9,9643	0,9763	0,0765 n	1,3056	9,9925	— 0,01
36	9,9797	0,9727	0,6480 n	1,2937	0,0044	— 0,01

Tabula VIII.

1793.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,7637 n	0,9744	0,5099 n	1,2998	— ∞	— 0″,01
10	8,4103 n	0,9688	0,8071 n	1,2790	8,4362	— 0,01
20	7,6493	0,9605	0,9725 n	1,2425	8,7373	— 0,01
30	8,5020	0,9503	1,0814 n	1,1877	8,9134	— 0,01
Febr. 9	8,7470	0,9393	1,1569 n	1,1093	9,0383	— 0,01
19	8,8851	0,9288	1,2093 n	0,9970	9,1352	— 0,01
Mart. 1	8,9774	0,9198	1,2438 n	0,8266	9,2144	— 0,01
11	9,0459	0,9136	1,2632 n	0,5183	9,2813	— 0,01
21	9,1018	0,9108	1,2690 n	9,2803 n	9,3393	— 0,02
31	9,1516	0,9115	1,2619 n	0,5629 n	9,3905	— 0,02
Apr. 10	9,1995	0,9156	1,2415 n	0,8446 n	9,4362	— 0,02
20	9,2476	0,9221	1,2068 n	1,0047 n	9,4776	— 0,02
30	9,2968	0,9302	1,1556 n	1,1113 n	9,5154	— 0,02
Maj. 10	9,3468	0,9387	1,0835 n	1,1861 n	9,5502	— 0,02
20	9,3967	0,9465	0,9824 n	1,2391 n	9,5824	— 0,02
30	9,4456	0,9526	0,8341 n	1,2751 n	9,6123	— 0,02
Jun. 9	9,4923	0,9563	0,5873 n	1,2969 n	9,6404	— 0,02
19	9,5359	0,9572	9,9070 n	1,3061 n	9,6667	— 0,02
29	9,5759	0,9551	0,3561	1,3033 n	9,6915	— 0,02
Jul. 9	9,6118	0,9499	0,7231	1,2882 n	9,7150	— 0,02
19	9,6433	0,9419	0,9115	1,2600 n	9,7373	— 0,02
29	9,6707	0,9318	1,0337	1,2168 n	9,7585	— 0,02
Aug. 8	9,6940	0,9203	1,1194	1,1551 n	9,7787	— 0,02
18	9,7137	0,9085	1,1808	1,0683 n	9,7980	— 0,02
28	9,7303	0,8974	1,2239	0,9432 n	9,8164	— 0,02
Sept. 7	9,7444	0,8882	1,2519	0,7470 n	9,8342	— 0,02
17	9,7569	0,8820	1,2664	0,3458 n	9,8512	— 0,02
27	9,7686	0,8794	1,2682	0,0906	9,8676	— 0,03
Oct. 7	9,7801	0,8805	1,2572	0,6688	9,8834	— 0,03
17	9,7923	0,8851	1,2324	0,9020	9,8986	— 0,03
27	9,8057	0,8922	1,1919	1,0443	9,9134	— 0,03
Nov. 6	9,8207	0,9008	1,1322	1,1414	9,9276	— 0,03
16	9,8371	0,9095	1,0468	1,2099	9,9414	— 0,03
26	9,8549	0,9170	0,9222	1,2574	9,9547	— 0,03
Dec. 6	9,8735	0,9221	0,7256	1,2880	9,9677	— 0,03
16	9,8924	0,9241	0,3216	1,3037	9,9803	— 0,03
26	9,9109	0,9224	0,0764 n	1,3056	9,9925	— 0,03
36	9,9284	0,9169	0,6480 n	1,2937	0,0044	— 0,03

Tabula VIII.

1794.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,2161 n	0,9194	0,5098 n	1,2998	— ∞	—0,03″
10	9,1198 n	0,9117	0,8071 n	1,2790	8,4362	—0,03
20	9,0050 n	0,9007	0,9725 n	1,2425	8,7373	—0,03
30	8,8659 n	0,8875	1,0814 n	1,1877	8,9134	—0,03
Febr. 9	8,6894 n	0,8733	1,1569 n	1,1093	9,0383	—0,03
19	8,4403 n	0,8594	1,2093 n	0,9970	9,1352	—0,03
Mart. 1	7,9510 n	0,8473	1,2438 n	0,8266	9,2144	—0,03
11	7,8893	0,8383	1,2632 n	0,5183	9,2813	—0,03
21	8,3707	0,8332	1,2690 n	9,2806 n	9,3393	—0,03
31	8,5949	0,8325	1,2619 n	0,5629 n	9,3905	—0,03
Apr. 10	8,7510	0,8357	1,2415 n	0,8446 n	9,4362	—0,04
20	8,8774	0,8420	1,2068 n	1,0047 n	9,4776	—0,04
30	8,9872	0,8502	1,1556 n	1,1113 n	9,5154	—0,04
Maj. 10	9,0856	0,8588	1,0835 n	1,1861 n	9,5502	—0,04
20	9,1744	0,8667	0,9824 n	1,2391 n	9,5824	—0,04
30	9,2543	0,8726	0,8341 n	1,2751 n	9,6123	—0,04
Jun. 9	9,3260	0,8756	0,5873 n	1,2969 n	9,6404	—0,04
19	9,3896	0,8753	9,9069 n	1,3061 n	9,6667	—0,04
29	9,4455	0,8712	0,3561	1,3033 n	9,6915	—0,04
Jul. 9	9,4940	0,8634	0,7231	1,2882 n	9,7150	—0,04
19	9,5357	0,8523	0,9115	1,2600 n	9,7373	—0,03
29	9,5712	0,8383	1,0337	1,2168 n	9,7585	—0,03
Aug. 8	9,6009	0,8224	1,1194	1,1551 n	9,7787	—0,03
18	9,6258	0,8059	1,1808	1,0683 n	9,7980	—0,03
28	9,6467	0,7902	1,2239	0,9432 n	9,8164	—0,04
Sept. 7	9,6643	0,7767	1,2519	0,7469 n	9,8342	—0,04
17	9,6799	0,7669	1,2664	0,3458 n	9,8512	—0,04
27	9,6943	0,7617	1,2682	0,0906	9,8676	—0,04
Oct. 7	9,7085	0,7615	1,2572	0,6688	9,8834	—0,04
17	9,7234	0,7658	1,2324	0,9020	9,8986	—0,04
27	9,7396	0,7736	1,1919	1,0443	9,9134	—0,05
Nov. 6	9,7575	0,7832	1,1322	1,1414	9,9276	—0,05
16	9,7770	0,7930	1,0468	1,2099	9,9414	—0,05
26	9,7978	0,8013	0,9223	1,2574	9,9547	—0,05
Dec. 6	9,8194	0,8065	0,7256	1,2880	9,9677	—0,05
16	9,8411	0,8076	0,3216	1,3037	9,9803	—0,04
26	9,8623	0,8039	0,0763 n	1,3056	9,9925	—0,04
36	9,8823	0,7952	0,6480 n	1,2937	0,0044	—0,04

Tabula VIII.

1795.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,3983 *n*	0,7990	0,5098 *n*	1,2998	— ∞	— 0,″04
10	9,3360 *n*	0,7873	0,8070 *n*	1,2790	8,4362	— 0,04
20	9,2682 *n*	0,7711	0,9725 *n*	1,2425	8,7373	— 0,04
30	9,1958 *n*	0,7517	1,0814 *n*	1,1877	8,9134	— 0,04
Febr. 9	9,1196 *n*	0,7304	1,1569 *n*	1,1093	9,0383	— 0,04
19	9,0398 *n*	0,7092	1,2093 *n*	0,9970	9,1352	— 0,04
Mart. 1	8,9553 *n*	0,6902	1,2438 *n*	0,8266	9,2144	— 0,04
11	8,8619 *n*	0,6753	1,2632 *n*	0,5184	9,2813	— 0,04
21	8,7503 *n*	0,6661	1,2690 *n*	9,2805 *n*	9,3393	— 0,05
31	8,5981 *n*	0,6632	1,2619 *n*	0,5629 *n*	9,3905	— 0,05
Apr. 10	8,3392 *n*	0,6661	1,2415 *n*	0,8446 *n*	9,4362	— 0,05
20	7,3006 *n*	0,6736	1,2068 *n*	1,0047 *n*	9,4776	— 0,05
30	8,3117	0,6839	1,1556 *n*	1,1113 *n*	9,5154	— 0,05
Maj. 10	8,6626	0,6949	1,0835 *n*	1,1861 *n*	9,5502	— 0,05
20	8,8716	0,7047	0,9824 *n*	1,2391 *n*	9,5824	— 0,05
30	9,0230	0,7116	0,8341 *n*	1,2751 *n*	9,6123	— 0,05
Jun. 9	9,1413	0,7145	0,5873 *n*	1,2969 *n*	9,6404	— 0,05
19	9,2373	0,7125	9,9068 *n*	1,3061 *n*	9,6667	— 0,05
29	9,3165	0,7051	0,3562	1,3033 *n*	9,6915	— 0,05
Jul. 9	9,3821	0,6921	0,7231	1,2882 *n*	9,7150	— 0,05
19	9,4367	0,6733	0,9115	1,2600 *n*	9,7373	— 0,05
29	9,4820	0,6509	1,0337	1,2168 *n*	9,7585	— 0,05
Aug. 8	9,5194	0,6245	1,1194	1,1551 *n*	9,7787	— 0,05
18	9,5503	0,5963	1,1808	1,0683 *n*	9,7980	— 0,05
28	9,5760	0,5685	1,2239	0,9432 *n*	9,8164	— 0,05
Sept. 7	9,5977	0,5439	1,2519	0,7469 *n*	9,8342	— 0,05
17	9,6167	0,5249	1,2664	0,3458 *n*	9,8512	— 0,05
27	9,6342	0,5137	1,2682	0,0906	9,8676	— 0,05
Oct. 7	9,6513	0,5112	1,2572	0,6688	9,8834	— 0,05
17	9,6691	0,5168	1,2324	0,9020	9,8986	— 0,05
27	9,6883	0,5285	1,1919	1,0443	9,9134	— 0,06
Nov. 6	9,7090	0,5435	1,1322	1,1414	9,9276	— 0,06
16	9,7315	0,5586	1,0468	1,2099	9,9414	— 0,06
26	9,7553	0,5710	0,9223	1,2574	9,9547	— 0,06
Dec. 6	9,7797	0,5782	0,7256	1,2880	9,9677	— 0,06
16	9,8041	0,5784	0,3217	1,3037	9,9803	— 0,05
26	9,8277	0,5705	0,0763 *n*	1,3056	9,9925	— 0,05
36	9,8499	0,5539	0,6480 *n*	1,2937	0,0044	— 0,05

Tabula VIII.

1796.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	9,4848 n	0,5612	0,5098 n	1,2999	— ∞	—0″,05
11	9,4329 n	0,5390	0,8070 n	1,2790	8,4362	—0,05
21	9,3779 n	0,5082	0,9725 n	1,2425	8,7373	—0,05
31	9,3208 n	0,4699	1,0814 n	1,1877	8,9134	—0,05
Febr. 10	9,2627 n	0,4262	1,1569 n	1,1093	9,0383	—0,05
20	9,2043 n	0,3801	1,2093 n	0,9970	9,1352	—0,05
Mart. 1	9,1452 n	0,3361	1,2438 n	0,8266	9,2144	—0,05
11	9,0838 n	0,2992	1,2632 n	0,5184	9,2813	—0,05
21	9,0163 n	0,2743	1,2690 n	9,2804 n	9,3393	—0,05
31	8,9356 n	0,2644	1,2619 n	0,5629 n	9,3905	—0,06
Apr. 10	8,8290 n	0,2691	1,2415 n	0,8446 n	9,4362	—0,06
20	8,6688 n	0,2851	1,2068 n	1,0047 n	9,4776	—0,06
30	8,3647 n	0,3075	1,1556 n	1,1113 n	9,5154	—0,06
Maj. 10	7,5175	0,3311	1,0835 n	1,1861 n	9,5502	—0,06
20	8,5148	0,3514	0,9824 n	1,2391 n	9,5824	—0,06
30	8,8111	0,3651	0,8341 n	1,2751 n	9,6123	—0,06
Jun. 9	8,9946	0,3697	0,5872 n	1,2969 n	9,6404	—0,06
19	9,1271	0,3635	9,9067 n	1,3061 n	9,6667	—0,06
29	9,2292	0,3449	0,3562	1,3033 n	9,6915	—0,05
Jul. 9	9,3103	0,3126	0,7231	1,2882 n	9,7150	—0,05
19	9,3759	0,2654	0,9115	1,2600 n	9,7373	—0,05
29	9,4292	0,2018	1,0337	1,2168 n	9,7585	—0,05
Aug. 8	9,4727	0,1203	1,1195	1,1551 n	9,7787	—0,05
18	9,5083	0,0198	1,1808	1,0683 n	9,7980	—0,05
28	9,5378	9,9003	1,2239	0,9432 n	9,8164	—0,05
Sept. 7	9,5626	9,7656	1,2519	0,7469 n	9,8342	—0,05
17	9,5843	9,6295	1,2664	0,3458 n	9,8512	—0,06
27	9,6043	9,5237	1,2682	0,0906	9,8676	—0,06
Oct. 7	9,6237	9,4892	1,2572	0,6688	9,8834	—0,06
17	9,6436	9,5369	1,2324	0,9019	9,8986	—0,06
27	9,6648	9,6316	1,1919	1,0443	9,9134	—0,06
Nov. 6	9,6877	9,7331	1,1322	1,1414	9,9276	—0,06
16	9,7121	9,8190	1,0468	1,2099	9,9414	—0,06
26	9,7377	9,8798	0,9223	1,2574	9,9547	—0,06
Dec. 6	9,7639	9,9114	0,7256	1,2880	9,9677	—0,06
16	9,7899	9,9100	0,3217	1,3037	9,9803	—0,06
26	9,8150	9,8692	0,0762 n	1,3056	9,9925	—0,06
36	9,8384	9,7750	0,6480 n	1,2937	0,0044	—0,05

Tabula VIII.

1797.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,5108 n	9,8182	0,5098 n	1,2999	— ∞	— 0,05″
10	9,4605 n	9,6741	0,8070 n	1,2790	8,4362	— 0,05
20	9,4073 n	9,3648	0,9725 n	1,2426	8,7373	— 0,05
30	9,3522 n	8,6419 n	1,0814 n	1,1877	8,9134	— 0,05
Febr. 9	9,2962 n	9,5184 n	1,1569 n	1,1093	9,0383	— 0,05
19	9,2398 n	9,7792 n	1,2093 n	0,9970	9,1352	— 0,05
Mart. 1	9,1827 n	9,9221 n	1,2438 n	0,8266	9,2144	— 0,05
11	9,1234 n	0,0064 n	1,2632 n	0,5184	9,2813	— 0,05
21	9,0583 n	0,0523 n	1,2690 n	9,2803 n	9,3393	— 0,06
31	8,9810 n	0,0692 n	1,2619 n	0,5629 n	9,3905	— 0,06
Apr. 10	8,8803 n	0,0625 n	1,2415 n	0,8447 n	9,4362	— 0,06
20	8,7330 n	0,0360 n	1,2068 n	1,0047 n	9,4776	— 0,06
30	8,4707 n	9,9937 n	1,1556 n	1,1113 n	9,5154	— 0,06
Maj. 10	7,3127 n	9,9411 n	1,0835 n	1,1861 n	9,5502	— 0,06
20	8,4532	9,8873 n	0,9823 n	1,2391 n	9,5824	— 0,06
30	8,7885	9,8451 n	0,8341 n	1,2751 n	9,6123	— 0,06
Jun. 9	8,9846	9,8296 n	0,5872 n	1,2969 n	9,6404	— 0,06
19	9,1231	9,8507 n	9,9066 n	1,3061 n	9,6667	— 0,06
29	9,2287	9,9062 n	0,3562	1,3033 n	9,6915	— 0,05
Jul. 9	9,3121	9,9839 n	0,7231	1,2882 n	9,7150	— 0,05
19	9,3793	0,0698 n	0,9115	1,2600 n	9,7373	— 0,05
29	9,4339	0,1536 n	1,0337	1,2168 n	9,7585	— 0,05
Aug. 8	9,4784	0,2292 n	1,1195	1,1551 n	9,7787	— 0,05
18	9,5150	0,2936 n	1,1808	1,0683 n	9,7980	— 0,05
28	9,5453	0,3456 n	1,2239	0,9432 n	9,8164	— 0,05
Sept. 7	9,5709	0,3849 n	1,2519	0,7469 n	9,8342	— 0,05
17	9,5934	0,4117 n	1,2664	0,3458 n	9,8512	— 0,05
27	9,6140	0,4266 n	1,2682	0,0907	9,8676	— 0,05
Oct. 7	9,6340	0,4303 n	1,2572	0,6688	9,8834	— 0,06
17	9,6545	0,4239 n	1,2324	0,9019	9,8986	— 0,06
27	9,6761	0,4094 n	1,1920	1,0443	9,9134	— 0,06
Nov. 6	9,6993	0,3893 n	1,1322	1,1414	9,9276	— 0,06
16	9,7239	0,3671 n	1,0468	1,2099	9,9414	— 0,06
26	9,7496	0,3474 n	0,9223	1,2574	9,9547	— 0,06
Dec. 6	9,7759	0,3353 n	0,7256	1,2880	9,9677	— 0,06
16	9,8019	0,3349 n	0,3218	1,3037	9,9803	— 0,05
26	9,8269	0,3483 n	0,0762 n	1,3056	9,9925	— 0,05
36	9,8504	0,3746 n	0,6479 n	1,2937	0,0044	— 0,05

Tabula VIII.

1798.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,4847 *n*	0,3634 *n*	0,5097 *n*	1,2999	— ∞	—0″,05
10	9,4295 *n*	0,3961 *n*	0,8070 *n*	1,2790	8,4362	—0,05
20	9,3703 *n*	0,4353 *n*	0,9725 *n*	1,2426	8,7373	—0,05
30	9,3078 *n*	0,4763 *n*	1,0814 *n*	1,1877	8,9134	—0,05
Febr. 9	9,2428 *n*	0,5152 *n*	1,1569 *n*	1,1093	9,0383	—0,05
19	9,1756 *n*	0,5490 *n*	1,2093 *n*	0,9970	9,1352	—0,05
Mart. 1	9,1053 *n*	0,5761 *n*	1,2438 *n*	0,8266	9,2144	—0,05
11	9,0294 *n*	0,5955 *n*	1,2632 *n*	0,5184	9,2813	—0,05
21	8,9421 *n*	0,6071 *n*	1,2690 *n*	9,2802 *n*	9,3393	—0,05
31	8,8318 *n*	0,6111 *n*	1,2619 *n*	0,5629 *n*	9,3905	—0,05
Apr. 10	8,6731 *n*	0,6084 *n*	1,2415 *n*	0,8447 *n*	9,4362	—0,05
20	8,3853 *n*	0,6002 *n*	1,2068 *n*	1,0047 *n*	9,4776	—0,05
30	7,0816	0,5881 *n*	1,1556 *n*	1,1113 *n*	9,5154	—0,05
Maj. 10	8,4724	0,5744 *n*	1,0835 *n*	1,1862 *n*	9,5502	—0,05
20	8,7860	0,5615 *n*	0,9823 *n*	1,2391 *n*	9,5824	—0,05
30	8,9783	0,5519 *n*	0,8340 *n*	1,2751 *n*	9,6123	—0,05
Jun. 9	9,1177	0,5478 *n*	0,5872 *n*	1,2969 *n*	9,6404	—0,05
19	9,2263	0,5508 *n*	9,9065 *n*	1,3061 *n*	9,6667	—0,05
29	9,3136	0,5613 *n*	0,3563	1,3033 *n*	9,6915	—0,05
Jul. 9	9,3850	0,5787 *n*	0,7231	1,2882 *n*	9,7150	—0,05
19	9,4440	0,6011 *n*	0,9115	1,2600 *n*	9,7373	—0,05
29	9,4927	0,6265 *n*	1,0337	1,2168 *n*	9,7585	—0,04
Aug. 8	9,5330	0,6524 *n*	1,1195	1,1551 *n*	9,7787	—0,04
18	9,5665	0,6769 *n*	1,1808	1,0683 *n*	9,7980	—0,04
28	9,5946	0,6983 *n*	1,2239	0,9432 *n*	9,8164	—0,04
Sept. 7	9,6185	0,7153 *n*	1,2519	0,7469 *n*	9,8342	—0,05
17	9,6396	0,7271 *n*	1,2664	0,3458 *n*	9,8512	—0,05
27	9,6591	0,7334 *n*	1,2682	0,0907	9,8676	—0,05
Oct. 7	9,6780	0,7343 *n*	1,2572	0,6688	9,8834	—0,05
17	9,6973	0,7302 *n*	1,2324	0,9019	9,8986	—0,05
27	9,7177	0,7221 *n*	1,1920	1,0443	9,9134	—0,05
Nov. 6	9,7395	0,7114 *n*	1,1322	1,1414	9,9276	—0,05
16	9,7627	0,6999 *n*	1,0468	1,2099	9,9414	—0,05
26	9,7869	0,6898 *n*	0,9223	1,2574	9,9547	—0,05
Dec. 6	9,8117	0,6831 *n*	0,7256	1,2880	9,9677	—0,05
16	9,8363	0,6817 *n*	0,3218	1,3037	9,9803	—0,05
26	9,8600	0,6867 *n*	0,0762 *n*	1,3056	9,9925	—0,04
36	9,8822	0,6978 *n*	0,6479 *n*	1,2937	0,0044	—0,04

Tabula VIII.

1799.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,4009 *n*	0,6929 *n*	0,5097 *n*	1,2999	— ∞	— 0,04″
10	9,3113 *n*	0,7074 *n*	0,8070 *n*	1,2790	8,4362	— 0,04
20	9,2535 *n*	0,7258 *n*	0,9725 *n*	1,2426	8,7373	— 0,04
30	9,1671 *n*	0,7462 *n*	1,0814 *n*	1,1877	8,9134	— 0,04
Febr. 9	9,0713 *n*	0,7664 *n*	1,1569 *n*	1,1093	9,0383	— 0,04
19	8,9634 *n*	0,7847 *n*	1,2093 *n*	0,9970	9,1352	— 0,04
Mart. 1	8,8370 *n*	0,7997 *n*	1,2438 *n*	0,8266	9,2144	— 0,04
11	8,6760 *n*	0,8104 *n*	1,2632 *n*	0,5184	9,2813	— 0,04
21	8,4331 *n*	0,8165 *n*	1,2690 *n*	9,2800 *n*	9,3393	— 0,04
31	7,8228 *n*	0,8179 *n*	1,2619 *n*	0,5629 *n*	9,3905	— 0,04
Apr. 10	8,1751	0,8152 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,04
20	8,5866	0,8091 *n*	1,2068 *n*	1,0047 *n*	9,4776	— 0,04
30	8,8123	0,8006 *n*	1,1556 *n*	1,1113 *n*	9,5154	— 0,04
Maj. 10	8,9740	0,7911 *n*	1,0835 *n*	1,1862 *n*	9,5502	— 0,04
20	9,1017	0,7821 *n*	0,9823 *n*	1,2391 *n*	9,5824	— 0,04
30	9,2074	0,7752 *n*	0,8340 *n*	1,2751 *n*	9,6123	— 0,04
Jun. 9	9,2967	0,7715 *n*	0,5872 *n*	1,2969 *n*	9,6404	— 0,04
19	9,3730	0,7721 *n*	9,9064 *n*	1,3061 *n*	9,6667	— 0,04
29	9,4382	0,7772 *n*	0,3563	1,3033 *n*	9,6915	— 0,04
Jul. 9	9,4940	0,7866 *n*	0,7232	1,2882 *n*	9,7150	— 0,04
19	9,5415	0,7995 *n*	0,9115	1,2600 *n*	9,7373	— 0,03
29	9,5817	0,8145 *n*	1,0338	1,2168 *n*	9,7585	— 0,03
Aug. 8	9,6157	0,8304 *n*	1,1195	1,1551 *n*	9,7787	— 0,03
18	9,6443	0,8457 *n*	1,1809	1,0683 *n*	9,7980	— 0,03
28	9,6685	0,8592 *n*	1,2239	0,9432 *n*	9,8164	— 0,03
Sept. 7	9,6895	0,8699 *n*	1,2519	0,7469 *n*	9,8342	— 0,03
17	9,7081	0,8772 *n*	1,2664	0,3458 *n*	9,8512	— 0,03
27	9,7253	0,8806 *n*	1,2682	0,0907	9,8676	— 0,03
Oct. 7	9,7422	0,8802 *n*	1,2572	0,6688	9,8834	— 0,04
17	9,7594	0,8762 *n*	1,2324	0,9019	9,8986	— 0,04
27	9,7777	0,8693 *n*	1,1920	1,0443	9,9134	— 0,04
Nov. 6	9,7972	0,8605 *n*	1,1322	1,1414	9,9276	— 0,04
16	9,8180	0,8512 *n*	1,0468	1,2099	9,9414	— 0,04
26	9,8399	0,8429 *n*	0,9223	1,2574	9,9547	— 0,03
Dec. 6	9,8622	0,8369 *n*	0,7256	1,2880	9,9677	— 0,03
16	9,8845	0,8347 *n*	0,3218	1,3037	9,9803	— 0,03
26	9,9062	0,8369 *n*	0,0760 *n*	1,3056	9,9925	— 0,03
36	9,9266	0,8435 *n*	0,6479 *n*	1,2937	0,0044	— 0,03

Tabula VIII.

1800.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,2303 *n*	0,8405 *n*	0,5097 *n*	1,2999	— ∞	—0,03″
10	9,1206 *n*	0,8496 *n*	0,8070 *n*	1,2790	8,4362	—0,03
20	8,9832 *n*	0,8618 *n*	0,9725 *n*	1,2426	8,7373	—0,03
30	8,8011 *n*	0,8756 *n*	1,0814 *n*	1,1877	8,9134	—0,03
Febr. 9	8,5254 *n*	0,8896 *n*	1,1569 *n*	1,1093	9,0383	—0,02
19	7,8437 *n*	0,9022 *n*	1,2093 *n*	0,9970	9,1352	—0,02
Mart. 1	8,2269	0,9126 *n*	1,2438 *n*	0,8266	9,2144	—0,02
11	8,5882	0,9197 *n*	1,2632 *n*	0,5184	9,2813	—0,03
21	8,7757	0,9234 *n*	1,2690 *n*	9,2799 *n*	9,3393	—0,03
31	8,9069	0,9234 *n*	1,2619 *n*	0,5629 *n*	9,3905	—0,03
Apr. 10	9,0124	0,9202 *n*	1,2415 *n*	0,8447 *n*	9,4362	—0,03
20	9,1042	0,9142 *n*	1,2068 *n*	1,0047 *n*	9,4776	—0,03
30	9,1875	0,9064 *n*	1,1556 *n*	1,1113 *n*	9,5154	—0,03
Maj. 10	9,2644	0,8978 *n*	1,0835 *n*	1,1862 *n*	9,5502	—0,03
20	9,3357	0,8895 *n*	0,9823 *n*	1,2391 *n*	9,5824	—0,03
30	9,4014	0,8828 *n*	0,8340 *n*	1,2751 *n*	9,6123	—0,03
Jun. 9	9,4614	0,8786 *n*	0,5872 *n*	1,2969 *n*	9,6404	—0,03
19	9,5157	0,8778 *n*	9,9063 *n*	1,3061 *n*	9,6667	—0,02
29	9,5643	0,8805 *n*	0,3563	1,3033 *n*	9,6915	—0,02
Jul. 9	9,6072	0,8867 *n*	0,7232	1,2882 *n*	9,7150	—0,02
19	9,6447	0,8956 *n*	0,9116	1,2600 *n*	9,7373	—0,02
29	9,6772	0,9065 *n*	1,0338	1,2168 *n*	9,7585	—0,02
Aug. 8	9,7051	0,9182 *n*	1,1195	1,1551 *n*	9,7787	—0,02
18	9,7289	0,9295 *n*	1,1809	1,0683 *n*	9,7980	—0,02
28	9,7494	0,9395 *n*	1,2239	0,9432 *n*	9,8164	—0,02
Sept. 7	9,7672	0,9473 *n*	1,2519	0,7469 *n*	9,8342	—0,02
17	9,7831	0,9522 *n*	1,2664	0,3457 *n*	9,8512	—0,02
27	9,7980	0,9540 *n*	1,2682	0,0907	9,8676	—0,02
Oct. 7	9,8126	0,9524 *n*	1,2572	0,6688	9,8834	—0,02
17	9,8276	0,9479 *n*	1,2324	0,9019	9,8986	—0,02
27	9,8435	0,9409 *n*	1,1920	1,0442	9,9134	—0,02
Nov. 6	9,8606	0,9322 *n*	1,1322	1,1414	9,9276	—0,02
16	9,8789	0,9231 *n*	1,0468	1,2099	9,9414	—0,02
26	9,8981	0,9147 *n*	0,9223	1,2574	9,9547	—0,02
Dec. 6	9,9180	0,9084 *n*	0,7257	1,2880	9,9677	—0,02
16	9,9379	0,9052 *n*	0,3219	1,3037	9,9803	—0,02
26	9,9573	0,9057 *n*	0,0759 *n*	1,3056	9,9925	—0,01
36	9,9756	0,9101 *n*	0,6479 *n*	1,2937	0,0044	—0,01

Tabula VIII.

1801.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	8,8404 *n*	0,9080 *n*	0,5097 *n*	1,2999	— ∞	— 0″,01
10	8,4894 *n*	0,9145 *n*	0,8070 *n*	1,2790	8,4362	— 0,01
20	7,7251	0,9237 *n*	0,9725 *n*	1,2426	8,7373	— 0,01
30	8,5867	0,9344 *n*	1,0814 *n*	1,1878	8,9134	— 0,01
Febr. 9	8,8369	0,9355 *n*	1,1569 *n*	1,1093	9,0383	— 0,01
19	8,9804	0,9554 *n*	1,2093 *n*	0,9970	9,1352	— 0,01
Mart. 1	8,0782	0,9633 *n*	1,2438 *n*	0,8266	9,2144	— 0,01
11	9,1522	0,9686 *n*	1,2632 *n*	0,5184	9,2813	— 0,01
21	9,2127	0,9706 *n*	1,2690 *n*	9,2798 *n*	9,3393	— 0,01
31	9,2661	0,9695 *n*	1,2619 *n*	0,5629 *n*	9,3905	— 0,01
Apr. 10	9,3162	0,9654 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,01
20	9,3646	0,9586 *n*	1,2068 *n*	1,0047 *n*	9,4776	— 0,01
30	9,4128	0,9505 *n*	1,1556 *n*	1,1113 *n*	9,5154	— 0,01
Maj. 10	9,4606	0,9414 *n*	1,0835 *n*	1,1862 *n*	9,5502	— 0,01
20	9,5077	0,9326 *n*	0,9823 *n*	1,2391 *n*	9,5824	— 0,01
30	9,5533	0,9252 *n*	0,8340 *n*	1,2751 *n*	9,6123	— 0,01
Jun. 9	9,5967	0,9202 *n*	0,5872 *n*	1,2969 *n*	9,6404	— 0,01
19	9,6374	0,9180 *n*	9,9063 *n*	1,3061 *n*	9,6667	— 0,01
29	9,6748	0,9191 *n*	0,3564	1,3033 *n*	9,6915	0,00
Jul. 9	9,7086	0,9234 *n*	0,7232	1,2882 *n*	9,7150	0,00
19	9,7388	0,9303 *n*	0,9116	1,2600 *n*	9,7373	0,00
29	9,7653	0,9391 *n*	1,0338	1,2168 *n*	9,7585	0,00
Aug. 8	9,7883	0,9487 *n*	1,1195	1,1551 *n*	9,7787	0,00
18	9,8082	0,9580 *n*	1,1809	1,0683 *n*	9,7980	0,00
28	9,8254	0,9661 *n*	1,2239	0,9432 *n*	9,8164	0,00
Sept. 7	9,8405	0,9722 *n*	1,2519	0,7469 *n*	9,8342	0,00
17	9,8541	0,9757 *n*	1,2664	0,3457 *n*	9,8512	0,00
27	9,8669	0,9761 *n*	1,2682	0,0907	9,8676	0,00
Oct. 7	9,8794	0,9734 *n*	1,2572	0,6688	9,8834	0,00
17	9,8924	0,9679 *n*	1,2324	0,9019	9,8986	0,00
27	9,9062	0,9599 *n*	1,1920	1,0442	9,9134	0,00
Nov. 6	9,9211	0,9503 *n*	1,1323	1,1414	9,9276	0,00
16	9,9371	0,9402 *n*	1,0468	1,2099	9,9414	0,00
26	9,9541	0,9310 *n*	0,9223	1,2574	9,9547	0,00
Dec. 6	9,9716	0,9234 *n*	0,7257	1,2880	9,9677	0,00
16	9,9893	0,9189 *n*	0,3219	1,3037	9,9803	0,00
26	0,0066	0,9180 *n*	0,0759 *n*	1,3056	9,9925	+ 0,01
36	0,0230	0,9209 *n*	0,6479 *n*	1,2937	0,0044	+ 0,01

Tabula VIII.

1802.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	8,6003	0,9194 *n*	0,5096 *n*	1,2999	— ∞	+ 0″,01
10	8,8933	0,9243 *n*	0,8070 *n*	1,2790	8,4362	+ 0,01
20	9,0586	0,9320 *n*	0,9724 *n*	1,2426	8,7373	+ 0,01
30	9,1697	0,9412 *n*	1,0813 *n*	1,1878	8,9134	+ 0,01
Febr. 9	9,2502	0,9507 *n*	1,1569 *n*	1,1094	9,0383	+ 0,01
19	9,3114	0,9593 *n*	1,2093 *n*	0,9970	9,1352	+ 0,01
Mart. 1	9,3599	0,9659 *n*	1,2438 *n*	0,8266	9,2144	+ 0,01
11	9,4001	0,9699 *n*	1,2632 *n*	0,5184	9,2813	+ 0,01
21	9,4353	0,9707 *n*	1,2690 *n*	9,2797 *n*	9,3393	+ 0,01
31	9,4681	0,9683 *n*	1,2619 *n*	0,5629 *n*	9,3905	+ 0,01
Apr. 10	9,5001	0,9629 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,01
20	9,5325	0,9550 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,01
30	9,5658	0,9453 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,01
Maj. 10	9,5999	0,9348 *n*	1,0835 *n*	1,1862 *n*	9,5502	+ 0,01
20	9,6345	0,9245 *n*	0,9823 *n*	1,2391 *n*	9,5824	+ 0,01
30	9,6689	0,9155 *n*	0,8340 *n*	1,2751 *n*	9,6123	+ 0,01
Jun. 9	9,7025	0,9089 *n*	0,5871 *n*	1,2969 *n*	9,6404	+ 0,01
19	9,7347	0,9053 *n*	9,9062 *n*	1,3061 *n*	9,6667	+ 0,01
29	9,7648	0,9050 *n*	0,3564	1,3033 *n*	9,6915	+ 0,01
Jul. 9	9,7924	0,9080 *n*	0,7232	1,2882 *n*	9,7150	+ 0,02
19	9,8174	0,9138 *n*	0,9116	1,2600 *n*	9,7373	+ 0,02
29	9,8395	0,9215 *n*	1,0338	1,2168 *n*	9,7585	+ 0,02
Aug. 8	9,8589	0,9301 *n*	1,1195	1,1551 *n*	9,7787	+ 0,02
18	9,8758	0,9385 *n*	1,1809	1,0683 *n*	9,7980	+ 0,02
28	9,8905	0,9457 *n*	1,2239	0,9432 *n*	9,8164	+ 0,02
Sept. 7	9,9035	0,9508 *n*	1,2519	0,7469 *n*	9,8342	+ 0,02
17	9,9152	0,9531 *n*	1,2664	0,3457 *n*	9,8512	+ 0,02
27	9,9262	0,9523 *n*	1,2682	0,0907	9,8676	+ 0,02
Oct. 7	9,9371	0,9482 *n*	1,2572	0,6688	9,8834	+ 0,02
17	9,9484	0,9410 *n*	1,2324	0,9019	9,8986	+ 0,02
27	9,9605	0,9312 *n*	1,1920	1,0442	9,9134	+ 0,02
Nov. 6	9,9736	0,9196 *n*	1,1323	1,1414	9,9276	+ 0,02
16	9,9877	0,9073 *n*	1,0468	1,2098	9,9414	+ 0,02
26	0,0027	0,8958 *n*	0,9223	1,2574	9,9547	+ 0,02
Dec. 6	0,0183	0,8862 *n*	0,7257	1,2880	9,9677	+ 0,02
16	0,0341	0,8798 *n*	0,3219	1,3037	9,9803	+ 0,02
26	0,0497	0,8774 *n*	0,0758 *n*	1,3056	9,9925	+ 0,02
36	0,0645	0,8790 *n*	0,6478 *n*	1,2937	0,0044	+ 0,02

Tabula VIII.

1803.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,1633	0,8779 *n*	0,5096 *n*	1,2999	— ∞	+ 0,02″
10	9,2642	0,8819 *n*	0,8070 *n*	1,2790	8,4362	+ 0,03
20	9,3419	0,8889 *n*	0,9724 *n*	1,2426	8,7373	+ 0,03
30	9,4028	0,8976 *n*	1,0813 *n*	1,1878	8,9134	+ 0,03
Febr. 9	9,4513	0,9067 *n*	1,1569 *n*	1,1094	9,0383	+ 0,03
19	9,4904	0,9149 *n*	1,2093 *n*	0,9970	9,1352	+ 0,03
Mart. 1	9,5228	0,9209 *n*	1,2438 *n*	0,8267	9,2144	+ 0,03
11	9,5504	0,9239 *n*	1,2632 *n*	0,5184	9,2813	+ 0,03
21	9,5752	0,9235 *n*	1,2690 *n*	9,2796 *n*	9,3393	+ 0,03
31	9,5989	0,9195 *n*	1,2619 *n*	0,5629 *n*	9,3905	+ 0,02
Apr. 10	9,6225	0,9121 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,02
20	9,6468	0,9019 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,02
30	9,6723	0,8895 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,02
Maj. 10	9,6989	0,8761 *n*	1,0835 *n*	1,1862 *n*	9,5502	+ 0,02
20	9,7264	0,8628 *n*	0,9823 *n*	1,2391 *n*	9,5824	+ 0,02
30	9,7542	0,8510 *n*	0,8340 *n*	1,2751 *n*	9,6123	+ 0,03
Jun. 9	9,7817	0,8417 *n*	0,5871 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,8084	0,8359 *n*	9,9061 *n*	1,3061 *n*	9,6667	+ 0,03
29	9,8337	0,8340 *n*	0,3564	1,3033 *n*	9,6915	+ 0,03
Jul. 9	9,8571	0,8360 *n*	0,7232	1,2882 *n*	9,7150	+ 0,03
19	9,8785	0,8413 *n*	0,9116	1,2600 *n*	9,7373	+ 0,03
29	9,8976	0,8488 *n*	1,0338	1,2168 *n*	9,7585	+ 0,04
Aug. 8	9,9144	0,8575 *n*	1,1195	1,1551 *n*	9,7787	+ 0,04
18	9,9289	0,8660 *n*	1,1809	1,0682 *n*	9,7980	+ 0,04
28	9,9419	0,8731 *n*	1,2239	0,9432 *n*	9,8164	+ 0,04
Sept. 7	9,9532	0,8778 *n*	1,2519	0,7469 *n*	9,8342	+ 0,04
17	9,9634	0,8792 *n*	1,2664	0,3457 *n*	9,8512	+ 0,03
27	9,9731	0,8769 *n*	1,2682	0,0907	9,8676	+ 0,03
Oct. 7	9,9827	0,8706 *n*	1,2572	0,6688	9,8834	+ 0,03
17	9,9927	0,8605 *n*	1,2324	0,9019	9,8986	+ 0,03
27	0,0034	0,8473 *n*	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0150	0,8317 *n*	1,1323	1,1414	9,9276	+ 0,03
16	0,0277	0,8151 *n*	1,0468	1,2098	9,9414	+ 0,03
26	0,0412	0,7912 *n*	0,9223	1,2574	9,9547	+ 0,03
Dec. 6	0,0553	0,7855 *n*	0,7257	1,2880	9,9677	+ 0,03
16	0,0697	0,7758 *n*	0,3220	1,3037	9,9803	+ 0,04
26	0,0838	0,7710 *n*	0,0757 *n*	1,3056	9,9925	+ 0,04
86	0,0974	0,7715 *n*	0,6478 *n*	1,2937	0,0044	+ 0,04

Tabula VIII.

1804.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	9,3747	0,7707 n	0,5096 n	1,2999	— ∞	+ 0,04″
11	9,4387	0,7741 n	0,8069 n	1,2790	8,4362	+ 0,04
21	9,4914	0,7815 n	0,9724 n	1,2426	8,7373	+ 0,04
31	9,5347	0,7911 n	1,0813 n	1,1878	8,9134	+ 0,04
Febr. 10	9,5703	0,8012 n	1,1569 n	1,1094	9,0383	+ 0,04
20	9,5998	0,8101 n	1,2093 n	0,9970	9,1352	+ 0,04
Mart. 1	9,6245	0,8163 n	1,2438 n	0,8267	9,2144	+ 0,04
11	9,6460	0,8187 n	1,2632 n	0,5185	9,2813	+ 0,04
21	9,6655	0,8168 n	1,2690 n	9,2794 n	9,3393	+ 0,04
31	9,6842	0,8102 n	1,2619 n	0,5629 n	9,3905	+ 0,04
Apr. 10	9,7032	0,7992 n	1,2415 n	0,8447 n	9,4362	+ 0,04
20	9,7230	0,7844 n	1,2068 n	1,0047 n	9,4776	+ 0,04
30	9,7440	0,7665 n	1,1556 n	1,1113 n	9,5154	+ 0,04
Maj. 10	9,7662	0,7470 n	1,0835 n	1,1862 n	9,5502	+ 0,04
20	9,7894	0,7274 n	0,9823 n	1,2391 n	9,5824	+ 0,04
30	9,8131	0,7094 n	0,8340 n	1,2751 n	9,6123	+ 0,04
Jun. 9	9,8368	0,6947 n	0,5871 n	1,2969 n	9,6404	+ 0,04
19	9,8600	0,6847 n	9,9060 n	1,3061 n	9,6667	+ 0,04
29	9,8821	0,6802 n	0,3565	1,3033 n	9,6915	+ 0,04
Jul. 9	9,9028	0,6812 n	0,7232	1,2882 n	9,7150	+ 0,05
19	9,9217	0,6870 n	0,9116	1,2600 n	9,7373	+ 0,05
29	9,9387	0,6961 n	1,0338	1,2168 n	9,7585	+ 0,05
Aug. 8	9,9537	0,7067 n	1,1195	1,1551 n	9,7787	+ 0,05
18	9,9668	0,7171 n	1,1809	1,0682 n	9,7980	+ 0,05
28	9,9782	0,7255 n	1,2239	0,9432 n	9,8164	+ 0,05
Sept. 7	9,9883	0,7305 n	1,2519	0,7469 n	9,8342	+ 0,05
17	9,9975	0,7310 n	1,2664	0,3457 n	9,8512	+ 0,05
27	0,0061	0,7262 n	1,2682	0,0907	9,8676	+ 0,05
Oct. 7	0,0147	0,7157 n	1,2572	0,6688	9,8834	+ 0,04
17	0,0237	0,6997 n	1,2324	0,9019	9,8986	+ 0,04
27	0,0333	0,6781 n	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0440	0,6538 n	1,1323	1,1414	9,9276	+ 0,04
16	0,0555	0,6268 n	1,0468	1,2098	9,9414	+ 0,04
26	0,0679	0,6001 n	0,9223	1,2574	9,9547	+ 0,04
Dec. 6	0,0809	0,5763 n	0,7257	1,2880	9,9677	+ 0,05
16	0,0942	0,5584 n	0,3220	1,3037	9,9803	+ 0,05
26	0,1073	0,5484 n	0,0757 n	1,3056	9,9925	+ 0,05
36	0,1199	0,5471 n	0,6478 n	1,2937	0,0044	+ 0,05

Tabula VIII.

1805.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,4828	0,5466 *n*	0,5096 *n*	1,2999	— ∞	+ 0″,05
10	9,5325	0,5503 *n*	0,8069 *n*	1,2790	8,4362	+ 0,05
20	9,5745	0,5605 *n*	0,9724 *n*	1,2426	8,7373	+ 0,05
30	9,6097	0,5745 *n*	1,0813 *n*	1,1878	8,9134	+ 0,05
Febr. 9	9,6391	0,5892 *n*	1,1569 *n*	1,1094	9,0383	+ 0,05
19	9,6635	0,6019 *n*	1,2093 *n*	0,9970	9,1352	+ 0,05
Mart. 1	9,6843	0,6101 *n*	1,2438 *n*	0,8267	9,2144	+ 0,05
11	9,7023	0,6124 *n*	1,2632 *n*	0,5185	9,2813	+ 0,05
21	9,7188	0,6077 *n*	1,2690 *n*	9,2793 *n*	9,3393	+ 0,05
31	9,7348	0,5954 *n*	1,2619 *n*	0,5629 *n*	9,3905	+ 0,05
Apr. 10	9,7511	0,5755 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7682	0,5485 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7865	0,5154 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8061	0,4779 *n*	1,0[illegible]35 *n*	1,1862 *n*	9,5502	+ 0,05
20	9,8268	0,4385 *n*	0,9823 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8481	0,4004 *n*	0,8340 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8695	0,3674 *n*	0,5871 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8905	0,3432 *n*	9,9059 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9108	0,3307 *n*	0,3565	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9297	0,3303 *n*	0,7232	1,2882 *n*	9,7150	+ 0,05
19	9,9470	0,3405 *n*	0,9116	1,2600 *n*	9,7373	+ 0,06
29	9,9626	0,3581 *n*	1,0338	1,2168 *n*	9,7585	+ 0,06
Aug. 8	9,9764	0,3787 *n*	1,1195	1,1551 *n*	9,7787	+ 0,06
18	9,9885	0,3984 *n*	1,1809	1,0682 *n*	9,7980	+ 0,06
28	9,9990	0,4137 *n*	1,2239	0,9432 *n*	9,8164	+ 0,06
Sept. 7	0,0082	0,4220 *n*	1,2519	0,7469 *n*	9,8342	+ 0,06
17	0,0166	0,4211 *n*	1,2664	0,3457 *n*	9,8512	+ 0,05
27	0,0245	0,4093 *n*	1,2682	0,0908	9,8676	+ 0,05
Oct. 7	0,0323	0,3854 *n*	1,2572	0,6688	9,8834	+ 0,05
17	0,0406	0,3483 *n*	1,2324	0,9019	9,8986	+ 0,05
27	0,0495	0,2973 *n*	1,1920	1,0442	9,9134	+ 0,05
Nov. 6	0,0594	0,2321 *n*	1,1323	1,1414	9,9276	+ 0,05
16	0,0702	0,1537 *n*	1,0468	1,2098	9,9414	+ 0,05
26	0,0819	0,0651 *n*	0,9223	1,2574	9,9547	+ 0,05
Dec. 6	0,0942	9,9733 *n*	0,7257	1,2880	9,9677	+ 0,05
16	0,1067	9,8914 *n*	0,3221	1,3037	9,9803	+ 0,05
26	0,1191	9,8371 *n*	0,0756 *n*	1,3056	9,9925	+ 0,06
36	0,1311	9,8241 *n*	0,6478 *n*	1,2937	0,0044	+ 0,06

Tabula VIII.

1806.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,5298	9,8239 *n*	0,5095 *n*	1,2999	— ∞	+ 0″,06
10	9,5735	9,8373 *n*	0,8069 *n*	1,2790	8,4362	+ 0,06
20	9,6108	9,8829 *n*	0,9724 *n*	1,2426	8,7373	+ 0,06
30	9,6424	9,9417 *n*	1,0813 *n*	1,1878	8,9134	+ 0,06
Febr. 9	9,6688	9,9981 *n*	1,1569 *n*	1,1094	9,0383	+ 0,06
19	9,6908	0,0424 *n*	1,2093 *n*	0,9970	9,1352	+ 0,06
Mart. 1	9,7095	0,0689 *n*	1,2438 *n*	0,8267	9,2144	+ 0,06
11	9,7257	0,0741 *n*	1,2632 *n*	0,5185	9,2813	+ 0,06
21	9,7406	0,0547 *n*	1,2690 *n*	9,2792 *n*	9,3393	+ 0,05
31	9,7550	0,0061 *n*	1,2619 *n*	0,5629 *n*	9,3905	+ 0,05
Apr. 10	9,7698	9,9197 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7856	9,7766 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,8025	9,5213 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8208	8,7416 *n*	1,0835 *n*	1,1862 *n*	9,5502	+ 0,05
20	9,8401	9,3252	0,9823 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8602	9,6508	0,8340 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8805	9,8038	0,5871 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,9005	9,8850	9,9058 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9197	9,9217	0,3565	1,3033 *n*	9,6915	+ 0,06
Jul. 9	9,9377	9,9250	0,7233	1,2882 *n*	9,7150	+ 0,06
19	9,9543	9,9001	0,9116	1,2600 *n*	9,7373	+ 0,06
29	9,9692	9,8503	1,0338	1,2168 *n*	9,7585	+ 0,06
Aug. 8	9,9823	9,7790	1,1195	1,1551 *n*	9,7787	+ 0,06
18	9,9937	9,6934	1,1809	1,0682 *n*	9,7980	+ 0,06
28	0,0037	9,6095	1,2239	0,9432 *n*	9,8164	+ 0,06
Sept. 7	0,0124	9,5563	1,2519	0,7469 *n*	9,8342	+ 0,06
17	0,0202	9,5662	1,2664	0,3457 *n*	9,8512	+ 0,05
27	0,0276	9,6447	1,2682	0,0908	9,8676	+ 0,05
Oct. 7	0,0350	9,7641	1,2572	0,6688	9,8834	+ 0,05
17	0,0428	9,8931	1,2324	0,9019	9,8986	+ 0,05
27	0,0513	0,0131	1,1920	1,0442	9,9134	+ 0,05
Nov. 6	0,0608	0,1167	1,1323	1,1414	9,9276	+ 0,05
16	0,0712	0,2018	1,0468	1,2098	9,9414	+ 0,05
26	0,0825	0,2684	0,9223	1,2574	9,9547	+ 0,05
Dec. 6	0,0943	0,3175	0,7257	1,2880	9,9677	+ 0,05
16	0,1065	0,3501	0,3221	1,3037	9,9803	+ 0,05
26	0,1186	0,3676	0,0755 *n*	1,3056	9,9925	+ 0,05
36	0,1303	0,3713	0,6478 *n*	1,2937	0,0044	+ 0,05

Tabula VIII.

1807.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,5270	0,3714	0,5095 *n*	1,2999	$-\infty$	+ 0,05″
10	9,5697	0,3674	0,8069 *n*	1,2790	8,4362	+ 0,06
20	9,6063	0,3529	0,9724 *n*	1,2426	8,7373	+ 0,06
30	9,6372	0,3309	1,0813 *n*	1,1878	8,9134	+ 0,06
Febr. 9	9,6629	0,3054	1,1569 *n*	1,1094	9,0383	+ 0,06
19	9,6843	0,2816	1,2093 *n*	0,9970	9,1352	+ 0,06
Mart. 1	9,7023	0,2651	1,2438 *n*	0,8267	9,2144	+ 0,06
11	9,7180	0,2613	1,2632 *n*	0,5185	9,2813	+ 0,05
21	9,7323	0,2729	1,2690 *n*	9,2791 *n*	9,3393	+ 0,05
31	9,7462	0,2994	1,2619 *n*	0,5629 *n*	9,3905	+ 0,05
Apr. 10	9,7605	0,3370	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7758	0,3808	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7924	0,4259	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8104	0,4683	1,0835 *n*	1,1862 *n*	9,5502	+ 0,05
20	9,8295	0,5055	0,9823 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8495	0,5359	0,8340 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8696	0,5587	0,5870 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8895	0,5736	9,9057 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9087	0,5808	0,3566	1,3033 *n*	9,6915	+ 0,05
Jul. 9	9,9267	0,5810	0,7233	1,2882 *n*	9,7150	+ 0,05
19	9,9431	0,5750	0,9116	1,2600 *n*	9,7373	+ 0,05
29	9,9579	0,5643	1,0338	1,2168 *n*	9,7585	+ 0,05
Aug. 8	9,9709	0,5507	1,1195	1,1550 *n*	9,7787	+ 0,05
18	9,9822	0,5366	1,1809	1,0682 *n*	9,7980	+ 0,05
28	9,9918	0,5247	1,2239	0,9431 *n*	9,8164	+ 0,05
Sept. 7	0,0004	0,5178	1,2519	0,7468 *n*	9,8342	+ 0,05
17	0,0080	0,5180	1,2664	0,3456 *n*	9,8512	+ 0,05
27	0,0152	0,5266	1,2682	0,0908	9,8676	+ 0,05
Oct. 7	0,0224	0,5433	1,2572	0,6688	9,8834	+ 0,05
17	0,0300	0,5667	1,2324	0,9019	9,8986	+ 0,05
27	0,0384	0,5943	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0477	0,6231	1,1323	1,1414	9,9276	+ 0,04
16	0,0581	0,6506	1,0468	1,2098	9,9414	+ 0,04
26	0,0693	0,6748	0,9223	1,2574	9,9547	+ 0,04
Dec. 6	0,0812	0,6939	0,7257	1,2880	9,9677	+ 0,04
16	0,0934	0,7071	0,3221	1,3037	9,9803	+ 0,05
26	0,1055	0,7141	0,0755 *n*	1,3056	9,9925	+ 0,05
36	0,1172	0,7150	0,6478 *n*	1,2937	0,0044	+ 0,05

Tabula VIII.

1808.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,4726	0,7153	0,5095 *n*	1,2999	— ∞	+ 0″,05
11	9,5194	0,7127	0,8069 *n*	1,2790	8,4362	+ 0,05
21	9,5591	0,7054	0,9724 *n*	1,2426	8,7373	+ 0,05
31	9,5922	0,6949	1,0813 *n*	1,1878	8,9134	+ 0,05
Febr. 10	9,6196	0,6831	1,1569 *n*	1,1094	9,0383	+ 0,05
20	9,6423	0,6722	1,2093 *n*	0,9970	9,1352	+ 0,05
Mart. 1	9,6612	0,6646	1,2438 *n*	0,8267	9,2144	+ 0,05
11	9,6775	0,6620	1,2632 *n*	0,5185	9,2813	+ 0,05
21	9,6923	0,6656	1,2690 *n*	9,2789 *n*	9,3393	+ 0,04
31	9,7067	0,6755	1,2619 *n*	0,5629 *n*	9,3905	+ 0,04
Apr. 10	9,7215	0,6907	1,2415 *n*	0,8447 *n*	9,4362	+ 0,04
20	9,7375	0,7096	1,2068 *n*	1,0047 *n*	9,4776	+ 0,04
30	9,7549	0,7303	1,1556 *n*	1,1113 *n*	9,5154	+ 0,04
Maj. 10	9,7738	0,7509	1,0835 *n*	1,1862 *n*	9,5502	+ 0,04
20	9,7939	0,7697	0,9823 *n*	1,2391 *n*	9,5824	+ 0,04
30	9,8148	0,7856	0,8340 *n*	1,2751 *n*	9,6123	+ 0,04
Jun. 9	9,8361	0,7976	0,5870 *n*	1,2969 *n*	9,6404	+ 0,04
19	9,8570	0,8054	9,9056 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8771	0,8087	0,3566	1,3033 *n*	9,6915	+ 0,04
Jul. 9	9,8958	0,8079	0,7233	1,2882 *n*	9,7150	+ 0,04
19	9,9130	0,8033	0,9116	1,2600 *n*	9,7373	+ 0,04
29	9,9276	0,7960	1,0338	1,2168 *n*	9,7585	+ 0,04
Aug. 8	9,9418	0,7871	1,1195	1,1550 *n*	9,7787	+ 0,04
18	9,9534	0,7779	1,1809	1,0682 *n*	9,7980	+ 0,04
28	9,9634	0,7700	1,2239	0,9431 *n*	9,8164	+ 0,04
Sept. 7	9,9720	0,7649	1,2519	0,7468 *n*	9,8342	+ 0,04
17	9,9798	0,7638	1,2664	0,3456 *n*	9,8512	+ 0,04
27	9,9870	0,7656	1,2682	0,0908	9,8676	+ 0,04
Oct. 7	9,9943	0,7761	1,2572	0,6688	9,8834	+ 0,04
17	0,0021	0,7888	1,2324	0,9019	9,8986	+ 0,04
27	0,0106	0,8043	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0202	0,8212	1,1323	1,1414	9,9276	+ 0,03
16	0,0309	0,8378	1,0468	1,2098	9,9414	+ 0,03
26	0,0425	0,8526	0,9223	1,2574	9,9547	+ 0,03
Dec. 6	0,0548	0,8644	0,7258	1,2880	9,9677	+ 0,03
16	0,0675	0,8723	0,3222	1,3037	9,9803	+ 0,03
26	0,0800	0,8761	0,0754 *n*	1,3056	9,9925	+ 0,04
36	0,0921	0,8756	0,6477 *n*	1,2937	0,0044	+ 0,04

Tabula VIII.

1809.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,3494	0,8763	0,5095 n	1,2999	— ∞	+ 0″,04
10	9,4091	0,8734	0,8069 n	1,2790	8,4362	+ 0,04
20	9,4584	0,8673	0,9724 n	1,2426	8,7373	+ 0,04
30	9,4987	0,8589	1,0813 n	1,1878	8,9134	+ 0,04
Febr. 9	9,5314	0,8497	1,1569 n	1,1094	9,0383	+ 0,04
19	9,5580	0,8412	1,2093 n	0,9970	9,1352	+ 0,04
Mart. 1	9,5800	0,8348	1,2438 n	0,8267	9,2144	+ 0,04
11	9,5987	0,8318	1,2632 n	0,5185	9,2813	+ 0,03
21	9,6156	0,8330	1,2690 n	9,2788 n	9,3393	+ 0,03
31	9,6319	0,8385	1,2619 n	0,5629 n	9,3905	+ 0,03
Apr. 10	9,6488	0,8477	1,2415 n	0,8447 n	9,4362	+ 0,03
20	9,6669	0,8598	1,2068 n	1,0047 n	9,4776	+ 0,03
30	9,6866	0,8733	1,1556 n	1,1113 n	9,5154	+ 0,03
Maj. 10	9,7080	0,8871	1,0835 n	1,1862 n	9,5502	+ 0,03
20	9,7307	0,8998	0,9823 n	1,2391 n	9,5824	+ 0,03
30	9,7543	0,9105	0,8340 n	1,2751 n	9,6123	+ 0,03
Jun. 9	9,7781	0,9184	0,5870 n	1,2969 n	9,6404	+ 0,03
19	9,8014	0,9232	9,9055 n	1,3061 n	9,6667	+ 0,03
29	9,8237	0,9246	0,3567	1,3033 n	9,6915	+ 0,03
Jul. 9	9,8445	0,9228	0,7233	1,2882 n	9,7150	+ 0,03
19	9,8633	0,9182	0,9116	1,2600 n	9,7373	+ 0,03
29	9,8801	0,9115	1,0338	1,2168 n	9,7585	+ 0,03
Aug. 8	9,8947	0,9034	1,1195	1,1550 n	9,7787	+ 0,03
18	9,9073	0,8951	1,1809	1,0682 n	9,7980	+ 0,03
28	9,9180	0,8878	1,2239	0,9431 n	9,8164	+ 0,03
Sept. 7	9,9273	0,8827	1,2519	0,7468 n	9,8342	+ 0,03
17	9,9355	0,8805	1,2664	0,3456 n	9,8512	+ 0,02
27	9,9433	0,8821	1,2682	0,0908	9,8676	+ 0,02
Oct. 7	9,9510	0,8873	1,2572	0,6688	9,8834	+ 0,02
17	9,9592	0,8959	1,2324	0,9019	9,8986	+ 0,02
27	9,9684	0,9068	1,1920	1,0442	9,9134	+ 0,02
Nov. 6	9,9787	0,9190	1,1323	1,1414	9,9276	+ 0,02
16	9,9901	0,9311	1,0468	1,2098	9,9414	+ 0,02
26	0,0026	0,9418	0,9224	1,2574	9,9547	+ 0,02
Dec. 6	0,0159	0,9503	0,7258	1,2880	9,9677	+ 0,02
16	0,0294	0,9556	0,3222	1,3037	9,9803	+ 0,02
26	0,0429	0,9575	0,0753 n	1,3056	9,9925	+ 0,02
36	0,0558	0,9560	0,6477 n	1,2937	0,0044	+ 0,02

Tabula VIII.

1810.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,0960	0,9570	0,5094 *n*	1,2999	— ∞	+ 0″,02
10	9,1964	0,9534	0,8069 *n*	1,2790	8,4362	+ 0,02
20	9,2730	0,9471	0,9724 *n*	1,2426	8,7373	+ 0,02
30	9,3322	0,9389	1,0813 *n*	1,1878	8,9134	+ 0,02
Febr. 9	9,3785	0,9299	1,1569 *n*	1,1094	9,0383	+ 0,02
19	9,4150	0,9215	1,2093 *n*	0,9970	9,1352	+ 0,02
Mart. 1	9,4444	0,9149	1,2438 *n*	0,8267	9,2144	+ 0,02
11	9,4690	0,9110	1,2632 *n*	0,5185	9,2813	+ 0,02
21	9,4910	0,9107	1,2690 *n*	9,2787 *n*	9,3393	+ 0,02
31	9,5120	0,9139	1,2619 *n*	0,5629 *n*	9,3905	+ 0,01
Apr. 10	9,5335	0,9203	1,2415 *n*	0,8447 *n*	9,4362	+ 0,01
20	9,5564	0,9292	1,2068 *n*	1,0047 *n*	9,4776	+ 0,01
30	9,5812	0,9395	1,1556 *n*	1,1113 *n*	9,5154	+ 0,01
Maj. 10	9,6078	0,9500	1,0835 *n*	1,1862 *n*	9,5502	+ 0,01
20	9,6358	0,9598	0,9823 *n*	1,2391 *n*	9,5824	+ 0,01
30	9,6645	0,9679	0,8339 *n*	1,2751 *n*	9,6123	+ 0,01
Jun. 9	9,6932	0,9736	0,5870 *n*	1,2969 *n*	9,6404	+ 0,01
19	9,7211	0,9766	9,9054 *n*	1,3061 *n*	9,6667	+ 0,01
29	9,7475	0,9766	0,3567	1,3033 *n*	9,6915	+ 0,01
Jul. 9	9,7719	0,9738	0,7233	1,2882 *n*	9,7150	+ 0,01
19	9,7938	0,9684	0,9116	1,2600 *n*	9,7373	+ 0,01
29	9,8132	0,9611	1,0338	1,2168 *n*	9,7585	+ 0,01
Aug. 8	9,8300	0,9526	1,1195	1,1550 *n*	9,7787	+ 0,01
18	9,8443	0,9439	1,1809	1,0682 *n*	9,7980	+ 0,01
28	9,8565	0,9360	1,2239	0,9431 *n*	9,8164	+ 0,01
Sept. 7	9,8670	0,9300	1,2519	0,7468 *n*	9,8342	+ 0,01
17	9,8762	0,9266	1,2664	0,3456 *n*	9,8512	+ 0,01
27	9,8849	0,9266	1,2682	0,0908	9,8676	0,00
Oct. 7	9,8936	0,9299	1,2572	0,6688	9,8834	0,00
17	9,9029	0,9363	1,2324	0,9019	9,8986	0,00
27	9,9131	0,9449	1,1920	1,0442	9,9134	0,00
Nov. 6	9,9246	0,9547	1,1323	1,1414	9,9276	0,00
16	9,9374	0,9645	1,0468	1,2098	9,9414	0,00
26	9,9514	0,9732	0,9224	1,2574	9,9547	0,00
Dec. 6	9,9662	0,9798	0,7258	1,2880	9,9677	0,00
16	9,9813	0,9835	0,3222	1,3037	9,9803	0,00
26	9,9962	0,9840	0,0753 *n*	1,3056	9,9925	0,00
36	0,0105	0,9813	0,6477 *n*	1,2937	0,0044	0,00

Tabula VIII.

1811.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,0814	0,9827	0,5094 n	1,2999	— ∞	0,00″
10	8,6466	0,9780	0,8069 n	1,2790	8,4362	0,00
20	8,8716	0,9707	0,9724 n	1,2426	8,7373	0,00
30	9,0071	0,9616	1,0813 n	1,1878	8,9134	0,00
Febr. 9	9,0992	0,9518	1,1569 n	1,1094	9,0383	0,00
19	9,1657	0,9424	1,2093 n	0,9971	9,1352	0,00
Mart. 1	9,2162	0,9346	1,2438 n	0,8267	9,2144	0,00
11	9,2568	0,9295	1,2632 n	0,5185	9,2813	0,00
21	9,2917	0,9276	1,2690 n	9,2786 n	9,3393	0,00
31	9,3243	0,9293	1,2619 n	0,5629 n	9,3905	— 0,01
Apr. 10	9,3569	0,9340	1,2415 n	0,8447 n	9,4362	— 0,01
20	9,3907	0,9412	1,2068 n	1,0047 n	9,4776	— 0,01
30	9,4264	0,9498	1,1556 n	1,1113 n	9,5154	— 0,01
Maj. 10	9,4638	0,9587	1,0835 n	1,1862 n	9,5502	— 0,01
20	9,5022	0,9670	0,9823 n	1,2391 n	9,5824	— 0,01
30	9,5408	0,9736	0,8339 n	1,2751 n	9,6123	— 0,01
Jun. 9	9,5785	0,9779	0,5870 n	1,2969 n	9,6404	— 0,01
19	9,6145	0,9796	9,9053 n	1,3061 n	9,6667	— 0,01
29	9,6479	0,9783	0,3567	1,3033 n	9,6915	— 0,01
Jul. 9	9,6783	0,9741	0,7233	1,2882 n	9,7150	— 0,01
19	9,7054	0,9674	0,9117	1,2600 n	9,7373	— 0,01
29	9,7290	0,9587	1,0338	1,2168 n	9,7585	— 0,01
Aug. 8	9,7493	0,9488	1,1195	1,1550 n	9,7787	— 0,01
18	9,7665	0,9385	1,1809	1,0682 n	9,7980	— 0,01
28	9,7811	0,9290	1,2239	0,9431 n	9,8164	— 0,01
Sept. 7	9,7936	0,9214	1,2519	0,7468 n	9,8342	— 0,01
17	9,8046	0,9165	1,2664	0,3456 n	9,8512	— 0,01
27	9,8148	0,9149	1,2682	0,0908	9,8676	— 0,01
Oct. 7	9,8251	0,9168	1,2572	0,6688	9,8834	— 0,01
17	9,8360	0,9219	1,2324	0,9019	9,8986	— 0,02
27	9,8480	0,9294	1,1920	1,0442	9,9134	— 0,02
Nov. 6	9,8614	0,9381	1,1323	1,1413	9,9276	— 0,02
16	9,8762	0,9464	1,0468	1,2098	9,9414	— 0,02
26	9,8924	0,9545	0,9224	1,2574	9,9547	— 0,02
Dec. 6	9,9093	0,9600	0,7258	1,2880	9,9677	— 0,02
16	9,9266	0,9626	0,3223	1,3037	9,9803	— 0,02
26	9,9436	0,9613	0,0752 n	1,3056	9,9925	— 0,02
36	9,9597	0,9575	0,6477 n	1,2937	0,0044	— 0,02

Tabula VIII.

1812.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,0043 *n*	0,9595	0,5094 *n*	1,2999	— ∞	— 0″,02
11	8,8360 *n*	0,9533	0,8069 *n*	1,2790	8,4362	— 0,02
21	8,5866 *n*	0,9441	0,9724 *n*	1,2426	8,7373	— 0,02
31	8,0338 *n*	0,9330	1,0813 *n*	1,1878	8,9134	— 0,02
Febr. 10	8,1271	0,9210	1,1569 *n*	1,1094	9,0383	— 0,02
20	8,5369	0,9094	1,2093 *n*	0,9971	9,1352	— 0,02
Mart. 1	8,7221	0,8995	1,2438 *n*	0,8267	9,2144	— 0,02
11	8,8394	0,8923	1,2632 *n*	0,5185	9,2813	— 0,02
21	8,9268	0,8888	1,2690 *n*	9,2785 *n*	9,3393	— 0,02
31	9,0000	0,8890	1,2619 *n*	0,5629 *n*	9,3905	— 0,02
Apr. 10	9,0670	0,8926	1,2415 *n*	0,8447 *n*	9,4362	— 0,03
20	9,1316	0,8990	1,2068 *n*	1,0047 *n*	9,4776	— 0,03
30	9,1952	0,9070	1,1556 *n*	1,1113 *n*	9,5154	— 0,03
Maj. 10	9,2578	0,9154	1,0835 *n*	1,1862 *n*	9,5502	— 0,03
20	9,3187	0,9230	0,9823 *n*	1,2391 *n*	9,5824	— 0,03
30	9,3768	0,9281	0,8339 *n*	1,2751 *n*	9,6123	— 0,03
Jun. 9	9,4314	0,9324	0,5870 *n*	1,2969 *n*	9,6404	— 0,03
19	9,4815	0,9328	9,9052 *n*	1,3061 *n*	9,6667	— 0,03
29	9,5268	0,9300	0,3568	1,3033 *n*	9,6915	— 0,03
Jul. 9	9,5670	0,9240	0,7234	1,2882 *n*	9,7150	— 0,02
19	9,6020	0,9150	0,9117	1,2600 *n*	9,7373	— 0,02
29	9,6322	0,9037	1,0338	1,2168 *n*	9,7585	— 0,02
Aug. 8	9,6578	0,8909	1,1195	1,1550 *n*	9,7787	— 0,02
18	9,6793	0,8776	1,1809	1,0682 *n*	9,7980	— 0,02
28	9,6975	0,8651	1,2239	0,9431 *n*	9,8164	— 0,02
Sept. 7	9,7132	0,8547	1,2519	0,7468 *n*	9,8342	— 0,03
17	9,7264	0,8473	1,2664	0,3456 *n*	9,8512	— 0,03
27	9,7391	0,8439	1,2682	0,0909	9,8676	— 0,03
Oct. 7	9,7516	0,8445	1,2572	0,6688	9,8834	— 0,03
17	9,7648	0,8489	1,2324	0,9019	9,8986	— 0,03
27	9,7792	0,8561	1,1920	1,0442	9,9134	— 0,04
Nov. 6	9,7952	0,8648	1,1323	1,1413	9,9276	— 0,04
16	9,8128	0,8737	1,0468	1,2098	9,9414	— 0,04
26	9,8317	0,8813	0,9224	1,2574	9,9547	— 0,04
Dec. 6	9,8515	0,8864	0,7258	1,2880	9,9677	— 0,03
16	9,8714	0,8880	0,3223	1,3037	9,9803	— 0,03
26	9,8910	0,8856	0,0751 *n*	1,3056	9,9925	— 0,03
36	9,9094	0,8791	0,6477 *n*	1,2937	0,0044	— 0,03

Tabula VIII.

1813.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,3028 *n*	0,8821	0,5094 *n*	1,2999	— ∞	— 0,03″
10	9,2249 *n*	0,8731	0,8068 *n*	1,2790	8,4362	— 0,03
20	9,1367 *n*	0,8606	0,9724 *n*	1,2426	8,7373	— 0,03
30	9,0374 *n*	0,8456	1,0813 *n*	1,1878	8,9134	— 0,03
Febr. 9	8,9254 *n*	0,8293	1,1569 *n*	1,1094	9,0383	— 0,03
19	8,7966 *n*	0,8133	1,2093 *n*	0,9971	9,1352	— 0,03
Mart. 1	8,6408 *n*	0,7991	1,2438 *n*	0,8267	9,2144	— 0,03
11	8,4278 *n*	0,7885	1,2632 *n*	0,5186	9,2813	— 0,03
21	8,0326 *n*	0,7822	1,2690 *n*	9,2783 *n*	9,3393	— 0,04
31	7,7267	0,7808	1,2619 *n*	0,5629 *n*	9,3905	— 0,04
Apr. 10	8,3547	0,7838	1,2415 *n*	0,8447 *n*	9,4362	— 0,04
20	8,6229	0,7903	1,2068 *n*	1,0047 *n*	9,4776	— 0,04
30	8,8058	0,7990	1,1556 *n*	1,1113 *n*	9,5154	— 0,04
Maj. 10	8,9508	0,8081	1,0835 *n*	1,1862 *n*	9,5502	— 0,04
20	9,0674	0,8164	0,9823 *n*	1,2391 *n*	9,5824	— 0,04
30	9,1682	0,8225	0,8339 *n*	1,2751 *n*	9,6123	— 0,04
Jun. 9	9,2549	0,8254	0,5869 *n*	1,2969 *n*	9,6404	— 0,04
19	9,3295	0,8244	9,9051 *n*	1,3061 *n*	9,6667	— 0,04
29	9,3936	0,8194	0,3568	1,3033 *n*	9,6915	— 0,04
Jul. 9	9,4484	0,8101	0,7234	1,2882 *n*	9,7150	— 0,04
19	9,4949	0,7969	0,9117	1,2600 *n*	9,7373	— 0,04
29	9,5340	0,7804	1,0338	1,2168 *n*	9,7585	— 0,04
Aug. 8	9,5667	0,7617	1,1195	1,1550 *n*	9,7787	— 0,04
18	9,5939	0,7421	1,1809	1,0682 *n*	9,7980	— 0,04
28	9,6167	0,7232	1,2239	0,9431 *n*	9,8164	— 0,04
Sept. 7	9,6359	0,7068	1,2519	0,7468 *n*	9,8342	— 0,04
17	9,6527	0,6946	1,2664	0,3456 *n*	9,8512	— 0,04
27	9,6684	0,6879	1,2682	0,0909	9,8676	— 0,04
Oct. 7	9,6837	0,6870	1,2572	0,6688	9,8834	— 0,05
17	9,6998	0,6915	1,2324	0,9019	9,8986	— 0,05
27	9,7171	0,7001	1,1920	1,0442	9,9134	— 0,05
Nov. 6	9,7362	0,7109	1,1323	1,1413	9,9276	— 0,05
16	9,7568	0,7219	1,0468	1,2098	9,9414	— 0,05
26	9,7789	0,7311	0,9224	1,2574	9,9547	— 0,05
Dec. 6	9,8017	0,7367	0,7258	1,2880	9,9677	— 0,05
16	9,8245	0,7375	0,3223	1,3037	9,9803	— 0,05
26	9,8467	0,7326	0,0751 *n*	1,3056	9,9925	— 0,05
36	9,8676	0,7218	0,6477 *n*	1,2937	0,0044	— 0,04

Tabula VIII.

1814.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,4404 *n*	0,7266	0,5093 *n*	1,2999	— ∞	— 0″,04
10	9,3836 *n*	0,7121	0,8068 *n*	1,2790	8,4362	— 0,04
20	9,3226 *n*	0,6923	0,9724 *n*	1,2426	8,7373	— 0,04
30	9,2586 *n*	0,6683	1,0813 *n*	1,1878	8,9134	— 0,04
Febr. 9	9,1925 *n*	0,6418	1,1569 *n*	1,1094	9,0383	— 0,04
19	9,1249 *n*	0,6150	1,2093 *n*	0,9971	9,1352	— 0,04
Mart. 1	9,0553 *n*	0,5906	1,2438 *n*	0,8267	9,2144	— 0,04
11	8,9814 *n*	0,5712	1,2632 *n*	0,5186	9,2813	— 0,05
21	8,8973 *n*	0,5588	1,2690 *n*	9,2782 *n*	9,3393	— 0,05
31	8,7920 *n*	0,5544	1,2619 *n*	0,5629 *n*	9,3905	— 0,05
Apr. 10	8,6414 *n*	0,5575	1,2415 *n*	0,8447 *n*	9,4362	— 0,05
20	8,3727 *n*	0,5665	1,2068 *n*	1,0047 *n*	9,4776	— 0,05
30	6,8573 *n*	0,5790	1,1556 *n*	1,1113 *n*	9,5154	— 0,05
Maj. 10	8,3999	0,5924	1,0835 *n*	1,1862 *n*	9,5502	— 0,05
20	8,7317	0,6042	0,9823 *n*	1,2391 *n*	9,5824	— 0,05
30	8,9310	0,6124	0,8339 *n*	1,2751 *n*	9,6123	— 0,05
Jun. 9	9,0746	0,6155	0,5869 *n*	1,2969 *n*	9,6404	— 0,05
19	9,1857	0,6125	9,9050 *n*	1,3061 *n*	9,6667	— 0,05
29	9,2747	0,6029	0,3568	1,3033 *n*	9,6915	— 0,05
Jul. 9	9,3472	0,5855	0,7234	1,2882 *n*	9,7150	— 0,05
19	9,4067	0,5615	0,9117	1,2600 *n*	9,7373	— 0,05
29	9,4556	0,5310	1,0338	1,2168 *n*	9,7585	— 0,05
Aug. 8	9,4958	0,4953	1,1195	1,1550 *n*	9,7787	— 0,05
18	9,5288	0,4563	1,1809	1,0682 *n*	9,7980	— 0,05
28	9,5562	0,4168	1,2239	0,9431 *n*	9,8164	— 0,05
Sept. 7	9,5794	0,3807	1,2519	0,7468 *n*	9,8342	— 0,05
17	9,5996	0,3520	1,2664	0,3455 *n*	9,8512	— 0,05
27	9,6182	0,3345	1,2682	0,0909	9,8676	— 0,05
Oct. 7	9,6363	0,3299	1,2572	0,6688	9,8834	— 0,05
17	9,6551	0,3377	1,2324	0,9019	9,8986	— 0,05
27	9,6752	0,3546	1,1920	1,0442	9,9134	— 0,06
Nov. 6	9,6970	0,3762	1,1323	1,1413	9,9276	— 0,06
16	9,7204	0,3977	1,0468	1,2098	9,9414	— 0,06
26	9,7450	0,4149	0,9224	1,2574	9,9547	— 0,05
Dec. 6	9,7703	0,4247	0,7258	1,2880	9,9677	— 0,05
16	9,7955	0,4246	0,3224	1,3037	9,9803	— 0,05
26	9,8198	0,4128	0,0750 *n*	1,3056	9,9925	— 0,05
36	9,8426	0,3881	0,6476 *n*	1,2937	0,0044	— 0,05

Tabula VIII.

1815.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,5013 n	0,3990	0,5095 n	1,2999	$-\infty$	$-0{,}05''$
10	9,4509 n	0,3659	0,8068 n	1,2790	8,4362	— 0,05
20	9,3975 n	0,3186	0,9724 n	1,2426	8,7373	— 0,05
30	9,3423 n	0,2572	1,0813 n	1,1878	8,9134	— 0,05
Febr. 9	9,2863 n	0,1827	1,1569 n	1,1094	9,0383	— 0,05
19	9,2302 n	0,0977	1,2093 n	0,9971	9,1352	— 0,05
Mart. 1	9,1737 n	0,0080	1,2438 n	0,8267	9,2144	— 0,05
11	9,1151 n	9,9242	1,2632 n	0,5186	9,2813	— 0,05
21	9,0858 n	9,8615	1,2690 n	9,2781 n	9,3393	— 0,05
31	8,9754 n	9,8340	1,2619 n	0,5629 n	9,3905	— 0,05
Apr. 10	8,8770 n	9,8453	1,2415 n	0,8447 n	9,4362	— 0,06
20	8,7330 n	9,8857	1,2068 n	1,0047 n	9,4776	— 0,06
30	8,4800 n	9,9391	1,1556 n	1,1113 n	9,5154	— 0,06
Maj. 10	7,5289 n	9,9916	1,0835 n	1,1862 n	9,5502	— 0,06
20	8,4221	0,0343	0,9823 n	1,2391 n	9,5824	— 0,06
30	8,7698	0,0617	0,8339 n	1,2751 n	9,6123	— 0,06
Jun. 9	8,9699	0,0705	0,5869 n	1,2969 n	9,6404	— 0,05
19	9,1103	0,0575	9,9049 n	1,3061 n	9,6667	— 0,05
29	9,2171	0,0185	0,3569	1,3033 n	9,6915	— 0,05
Jul. 9	9,3012	9,9466	0,7234	1,2882 n	9,7150	— 0,05
19	9,3688	9,8272	0,9117	1,2600 n	9,7373	— 0,05
29	9,4236	9,6233	1,0339	1,2168 n	9,7585	— 0,05
Aug. 8	9,4682	9,1682	1,1195	1,1550 n	9,7787	— 0,05
18	9,5047	9,0994 n	1,1809	1,0682 n	9,7980	— 0,05
28	9,5350	9,5775 n	1,2239	0,9431 n	9,8164	— 0,05
Sept. 7	9,5605	9,7710 n	1,2519	0,7468 n	9,8342	— 0,05
17	9,5827	9,8734 n	1,2664	0,3455 n	9,8512	— 0,05
27	9,6031	9,9240 n	1,2682	0,0909	9,8676	— 0,05
Oct. 7	9,6230	9,9370 n	1,2572	0,6688	9,8834	— 0,06
17	9,6434	9,9186 n	1,2324	0,9019	9,8986	— 0,06
27	9,6650	9,8722 n	1,1920	1,0442	9,9134	— 0,06
Nov. 6	9,6882	9,8008 n	1,1323	1,1413	9,9276	— 0,06
16	9,7129	9,7106 n	1,0468	1,2098	9,9414	— 0,06
26	9,7388	9,6170 n	0,9224	1,2574	9,9547	— 0,06
Dec. 6	9,7652	9,5517 n	0,7259	1,2880	9,9677	— 0,06
16	9,7915	9,5540 n	0,3224	1,3037	9,9803	— 0,05
26	9,8167	9,6335 n	0,0749 n	1,3056	9,9925	— 0,05
36	9,8403	9,7585 n	0,6476 n	1,2937	0,0044	— 0,05

Tabula VIII.

1816.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,5070 *n*	9,7088 *n*	0,5093 *n*	1,2999	— ∞	— 0,05″
11	9,4557 *n*	9,8427 *n*	0,8068 *n*	1,2790	8,4362	— 0,05
21	9,4011 *n*	9,9711 *n*	0,9724 *n*	1,2426	8,7373	— 0,05
31	9,3444 *n*	0,0828 *n*	1,0813 *n*	1,1878	8,9134	— 0,05
Febr. 10	9,2863 *n*	0,1746 *n*	1,1569 *n*	1,1094	9,0383	— 0,05
20	9,2275 *n*	0,2468 *n*	1,2093 *n*	0,9971	9,1352	— 0,05
Mart. 1	9,1676 *n*	0,3006 *n*	1,2438 *n*	0,8267	9,2144	— 0,05
11	9,1046 *n*	0,3376 *n*	1,2632 *n*	0,5186	9,2813	— 0,05
21	9,0349 *n*	0,3593 *n*	1,2690 *n*	9,2780 *n*	9,3393	— 0,05
31	8,9510 *n*	0,3674 *n*	1,2619 *n*	0,5629 *n*	9,3905	— 0,05
Apr. 10	8,8397 *n*	0,3637 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,05
20	8,6711 *n*	0,3503 *n*	1,2068 *n*	1,0047 *n*	9,4776	— 0,05
30	8,3420 *n*	0,3299 *n*	1,1556 *n*	1,1113 *n*	9,5154	— 0,06
Maj. 10	7,7709	0,3060 *n*	1,0835 *n*	1,1862 *n*	9,5502	— 0,06
20	8,5653	0,2830 *n*	0,9823 *n*	1,2391 *n*	9,5824	— 0,05
30	8,8463	0,2660 *n*	0,8339 *n*	1,2751 *n*	9,6123	— 0,05
Jun. 9	9,0239	0,2597 *n*	0,5869 *n*	1,2969 *n*	9,6404	— 0,05
19	9,1532	0,2670 *n*	9,9048 *n*	1,3061 *n*	9,6667	— 0,05
29	9,2534	0,2886 *n*	0,3569	1,3033 *n*	9,6915	— 0,05
Jul. 9	9,3334	0,3220 *n*	0,7234	1,2882 *n*	9,7150	— 0,05
19	9,3983	0,3630 *n*	0,9117	1,2600 *n*	9,7373	— 0,05
29	9,4912	0,4072 *n*	1,0339	1,2168 *n*	9,7585	— 0,05
Aug. 8	9,4946	0,4505 *n*	1,1195	1,1550 *n*	9,7787	— 0,05
18	9,5304	0,4900 *n*	1,1809	1,0682 *n*	9,7980	— 0,05
28	9,5601	0,5233 *n*	1,2239	0,9431 *n*	9,8164	— 0,05
Sept. 7	9,5853	0,5494 *n*	1,2519	0,7468 *n*	9,8342	— 0,05
17	9,6075	0,5676 *n*	1,2664	0,3455 *n*	9,8512	— 0,05
27	9,6278	0,5776 *n*	1,2682	0,0909	9,8676	— 0,05
Oct. 7	9,6476	0,5798 *n*	1,2572	0,6688	9,8834	— 0,05
17	9,6678	0,5749 *n*	1,2324	0,9019	9,8986	— 0,05
27	9,6891	0,5643 *n*	1,1920	1,0442	9,9134	— 0,05
Nov. 6	9,7119	0,5498 *n*	1,1323	1,1413	9,9276	— 0,05
16	9,7369	0,5341 *n*	1,0468	1,2098	9,9414	— 0,05
26	9,7615	0,5203 *n*	0,9224	1,2574	9,9547	— 0,05
Dec. 6	9,7873	0,5116 *n*	0,7259	1,2880	9,9677	— 0,05
16	9,8129	0,5108 *n*	0,3225	1,3037	9,9803	— 0,05
26	9,8376	0,5193 *n*	0,0749 *n*	1,3056	9,9925	— 0,05
36	9,8607	0,5367 *n*	0,6476 *n*	1,2938	0,0044	— 0,05

Tabula VIII.

1817.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,4601 *n*	0,5291 *n*	0,5093 *n*	1,2999	— ∞	— 0″,05
10	9,4008 *n*	0,5512 *n*	0,8068 *n*	1,2790	8,4362	— 0,04
20	9,3365 *n*	0,5785 *n*	0,9723 *n*	1,2426	8,7373	— 0,04
30	9,2677 *n*	0,6079 *n*	1,0813 *n*	1,1878	8,9134	— 0,04
Febr. 9	9,1948 *n*	0,6364 *n*	1,1569 *n*	1,1094	9,0383	— 0,04
19	9,1178 *n*	0,6618 *n*	1,2093 *n*	0,9971	9,1352	— 0,04
Mart. 1	9,0352 *n*	0,6824 *n*	1,2438 *n*	0,8268	9,2144	— 0,04
11	8,9429 *n*	0,6973 *n*	1,2632 *n*	0,5186	9,2813	— 0,04
21	8,8315 *n*	0,7060 *n*	1,2690 *n*	9,2779 *n*	9,3393	— 0,04
31	8,6802 *n*	0,7088 *n*	1,2619 *n*	0,5629 *n*	9,3905	— 0,05
Apr. 10	8,4273 *n*	0,7062 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,05
20	7,5527 *n*	0,6992 *n*	1,2068 *n*	1,0047 *n*	9,4776	— 0,05
30	8,3473	0,6892 *n*	1,1556 *n*	1,1113 *n*	9,5154	— 0,05
Maj. 10	8,7079	0,6779 *n*	1,0835 *n*	1,1862 *n*	9,5502	— 0,05
20	8,9180	0,6672 *n*	0,9823 *n*	1,2391 *n*	9,5824	— 0,05
30	9,0688	0,6591 *n*	0,8339 *n*	1,2751 *n*	9,6123	— 0,05
Jun. 9	9,1861	0,6552 *n*	0,5869 *n*	1,2969 *n*	9,6404	— 0,04
19	9,2813	0,6572 *n*	9,9048 *n*	1,3061 *n*	9,6667	— 0,04
29	9,3597	0,6650 *n*	0,3569	1,3033 *n*	9,6915	— 0,04
Jul. 9	9,4249	0,6781 *n*	0,7234	1,2882 *n*	9,7150	— 0,04
19	9,4795	0,6956 *n*	0,9117	1,2600 *n*	9,7373	— 0,04
29	9,5250	0,7156 *n*	1,0339	1,2168 *n*	9,7585	— 0,04
Aug. 8	9,5629	0,7364 *n*	1,1195	1,1550 *n*	9,7787	— 0,04
18	9,5946	0,7562 *n*	1,1809	1,0682 *n*	9,7980	— 0,04
28	9,6213	0,7736 *n*	1,2239	0,9431 *n*	9,8164	— 0,04
Sept. 7	9,6442	0,7875 *n*	1,2519	0,7468 *n*	9,8342	— 0,04
17	9,6643	0,7970 *n*	1,2664	0,3455 *n*	9,8512	— 0,04
27	9,6830	0,8020 *n*	1,2682	0,0909	9,8676	— 0,04
Oct. 7	9,7012	0,8023 *n*	1,2572	0,6688	9,8834	— 0,04
17	9,7198	0,7983 *n*	1,2324	0,9019	9,8986	— 0,04
27	9,7395	0,7910 *n*	1,1920	1,0442	9,9134	— 0,04
Nov. 6	9,7604	0,7814 *n*	1,1323	1,1413	9,9276	— 0,04
16	9,7828	0,7711 *n*	1,0469	1,2098	9,9414	— 0,04
26	9,8061	0,7620 *n*	0,9224	1,2574	9,9547	— 0,04
Dec. 6	9,8300	0,7558 *n*	0,7259	1,2880	9,9677	— 0,04
16	9,8538	0,7542 *n*	0,3225	1,3037	9,9803	— 0,04
26	9,8768	0,7578 *n*	0,0748 *n*	1,3056	9,9925	— 0,04
36	9,8984	0,7667 *n*	0,6476 *n*	1,2938	0,0044	— 0,03

Tabula VIII.

1818.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,3483 *n*	0,7628 *n*	0,5092 *n*	1,2999	— ∞	—0,03″
10	9,2682 *n*	0,7746 *n*	0,8068 *n*	1,2790	8,4362	—0,03
20	9,1760 *n*	0,7899 *n*	0,9723 *n*	1,2426	8,7373	—0,03
30	9,0696 *n*	0,8071 *n*	1,0813 *n*	1,1878	8,9134	—0,03
Febr. 9	8,9445 *n*	0,8242 *n*	1,1569 *n*	1,1094	9,0383	—0,03
19	8,7911 *n*	0,8398 *n*	1,2093 *n*	0,9971	9,1352	—0,03
Mart. 1	8,5834 *n*	0,8525 *n*	1,2438 *n*	0,8268	9,2144	—0,03
11	8,2251 *n*	0,8616 *n*	1,2632 *n*	0,5186	9,2813	—0,03
21	7,5798	0,8665 *n*	1,2690 *n*	9,2777 *n*	9,3393	—0,03
31	8,3893	0,8674 *n*	1,2619 *n*	0,5628 *n*	9,3905	—0,03
Apr. 10	8,6663	0,8645 *n*	1,2415 *n*	0,8447 *n*	9,4362	—0,03
20	8,8468	0,8586 *n*	1,2068 *n*	1,0047 *n*	9,4776	—0,04
30	8,9860	0,8505 *n*	1,1556 *n*	1,1113 *n*	9,5154	—0,04
Maj. 10	9,1016	0,8416 *n*	1,0835 *n*	1,1862 *n*	9,5502	—0,04
20	9,2009	0,8331 *n*	0,9823 *n*	1,2391 *n*	9,5824	—0,03
30	9,2876	0,8264 *n*	0,8339 *n*	1,2751 *n*	9,6123	—0,03
Jun. 9	9,3635	0,8226 *n*	0,5869 *n*	1,2969 *n*	9,6404	—0,03
19	9,4301	0,8226 *n*	9,9047 *n*	1,3061 *n*	9,6667	—0,03
29	9,4882	0,8266 *n*	0,3570	1,3033 *n*	9,6915	—0,03
Jul. 9	9,5385	0,8345 *n*	0,7234	1,2882 *n*	9,7150	—0,03
19	9,5818	0,8455 *n*	0,9117	1,2600 *n*	9,7373	—0,03
29	9,6188	0,8586 *n*	1,0339	1,2168 *n*	9,7585	—0,03
Aug. 8	9,6503	0,8724 *n*	1,1195	1,1550 *n*	9,7787	—0,02
18	9,6770	0,8859 *n*	1,1809	1,0682 *n*	9,7980	—0,02
28	9,6998	0,8977 *n*	1,2240	0,9431 *n*	9,8164	—0,02
Sept. 7	9,7195	0,9071 *n*	1,2519	0,7468 *n*	9,8342	—0,02
17	9,7370	0,9133 *n*	1,2664	0,3455 *n*	9,8512	—0,03
27	9,7533	0,9160 *n*	1,2682	0,0909	9,8676	—0,03
Oct. 7	9,7693	0,9151 *n*	1,2572	0,6688	9,8834	—0,03
17	9,7857	0,9109 *n*	1,2324	0,9019	9,8986	—0,08
27	9,8030	0,9041 *n*	1,1920	1,0442	9,9134	—0,03
Nov. 6	9,8216	0,8955 *n*	1,1323	1,1413	9,9276	—0,03
16	9,8414	0,8865 *n*	1,0469	1,2098	9,9414	—0,03
26	9,8623	0,8782 *n*	0,9224	1,2574	9,9547	—0,03
Dec. 6	9,8836	0,8723 *n*	0,7259	1,2880	9,9677	—0,03
16	9,9050	0,8697 *n*	0,3225	1,3037	9,9803	—0,02
26	9,9258	0,8712 *n*	0,0747 *n*	1,3056	9,9925	—0,02
36	9,9454	0,8768 *n*	0,6476 *n*	1,2938	0,0044	—0,02

Tabula VIII.

1819.

	Log. A	Log. B'	Log. C	Log. D	Log. τ	E
Jan. 0	9,1227 n	0,8732 n	0,5092 n	1,2999	— ∞	—0,02″
10	8,9756 n	0,8821 n	0,8068 n	1,2790	8,4362	—0,02
20	8,7674 n	0,8929 n	0,9723 n	1,2426	8,7373	—0,02
30	8,4052 n	0,9052 n	1,0813 n	1,1878	8,9134	—0,02
Febr. 9	7,6513	0,9178 n	1,1569 n	1,1094	9,0383	—0,02
19	8,4944	0,9292 n	1,2093 n	0,9971	9,1352	—0,02
Mart. 1	8,7419	0,9384 n	1,2438 n	0,8268	9,2144	—0,02
11	8,8878	0,9447 n	1,2632 n	0,5186	9,2813	—0,02
21	8,9926	0,9477 n	1,2690 n	9,2776 n	9,3393	—0,02
31	9,0774	0,9473 n	1,2619 n	0,5623 n	9,3905	—0,02
Apr. 10	9,1518	0,9437 n	1,2415 n	0,8447 n	9,4362	—0,02
20	9,2207	0,9376 n	1,2068 n	1,0047 n	9,4776	—0,02
30	9,2861	0,9297 n	1,1556 n	1,1113 n	9,5154	—0,02
Maj. 10	9,3488	0,9210 n	1,0835 n	1,1862 n	9,5502	—0,02
20	9,4085	0,9127 n	0,9823 n	1,2391 n	9,5824	—0,02
30	9,4649	0,9058 n	0,8339 n	1,2751 n	9,6123	—0,02
Jun. 9	9,5174	0,9014 n	0,5868 n	1,2969 n	9,6404	—0,02
19	9,5657	0,9000 n	9,9046 n	1,3061 n	9,6667	—0,02
29	9,6094	0,9021 n	0,3570	1,3033 n	9,6915	—0,01
Jul. 9	9,6484	0,9074 n	0,7235	1,2882 n	9,7150	—0,01
19	9,6827	0,9154 n	0,9117	1,2600 n	9,7373	—0,01
29	9,7127	0,9253 n	1,0339	1,2168 n	9,7585	—0,01
Aug. 8	9,7385	0,9360 n	1,1195	1,1550 n	9,7787	—0,01
18	9,7607	0,9464 n	1,1809	1,0682 n	9,7980	—0,01
28	9,7798	0,9555 n	1,2240	0,9431 n	9,8164	—0,01
Sept. 7	9,7965	0,9626 n	1,2519	0,7468 n	9,8342	—0,01
17	9,8115	0,9669 n	1,2664	0,3455 n	9,8512	—0,01
27	9,8255	0,9681 n	1,2682	0,0909	9,8676	—0,01
Oct. 7	9,8393	0,9661 n	1,2572	0,6688	9,8834	—0,01
17	9,8534	0,9612 n	1,2324	0,9019	9,8986	—0,01
27	9,8685	0,9539 n	1,1920	1,0442	9,9134	—0,01
Nov. 6	9,8847	0,9451 n	1,1323	1,1413	9,9276	—0,01
16	9,9021	0,9357 n	1,0469	1,2098	9,9414	—0,01
26	9,9204	0,9270 n	0,9224	1,2574	9,9547	—0,01
Dec. 6	9,9393	0,9204 n	0,7259	1,2880	9,9677	—0,01
16	9,9583	0,9167 n	0,3226	1,3037	9,9803	—0,01
26	9,9768	0,9167 n	0,0747 n	1,3056	9,9925	—0,01
36	9,9945	0,9204 n	0,6475 n	1,2938	0,0044	0,00

Tabula VIII.

1820.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 1	8,4365 *n*	0,9185 *n*	0,5092 *n*	1,2999	— ∞	0,00″
11	8,0434	0,9243 *n*	0,8068 *n*	1,2790	8,4362	0,00
21	8,6749	0,9328 *n*	0,9723 *n*	1,2426	8,7373	0,00
31	8,9067	0,9428 *n*	1,0813 *n*	1,1878	8,9134	0,00
Febr. 10	9,0445	0,9531 *n*	1,1569 *n*	1,1094	9,0383	0,00
20	9,1390	0,9624 *n*	1,2093 *n*	0,9971	9,1352	0,00
Mart. 1	9,2093	0,9698 *n*	1,2438 *n*	0,8268	9,2144	0,00
11	9,2652	0,9745 *n*	1,2632 *n*	0,5186	9,2813	0,00
21	9,3127	0,9760 *n*	1,2690 *n*	9,2775 *n*	9,3393	0,00
31	9,3557	0,9744 *n*	1,2619 *n*	0,5628 *n*	9,3905	0,00
Apr. 10	9,3968	0,9699 *n*	1,2415 *n*	0,8447 *n*	9,4362	0,00
20	9,4376	0,9628 *n*	1,2068 *n*	1,0047 *n*	9,4776	0,00
30	9,4787	0,9541 *n*	1,1556 *n*	1,1113 *n*	9,5154	0,00
Maj. 10	9,5201	0,9446 *n*	1,0835 *n*	1,1862 *n*	9,5502	0,00
20	9,5614	0,9354 *n*	0,9822 *n*	1,2391 *n*	9,5824	0,00
30	9,6020	0,9275 *n*	0,8339 *n*	1,2751 *n*	9,6123	0,00
Jun. 9	9,6410	0,9219 *n*	0,5868 *n*	1,2969 *n*	9,6404	0,00
19	9,6779	0,9192 *n*	9,9045 *n*	1,3061 *n*	9,6667	0,00
29	9,7121	0,9198 *n*	0,3570	1,3033 *n*	9,6915	0,00
Jul. 9	9,7433	0,9236 *n*	0,7235	1,2882 *n*	9,7150	0,00
19	9,7712	0,9300 *n*	0,9117	1,2600 *n*	9,7373	+ 0,01
29	9,7958	0,9382 *n*	1,0339	1,2168 *n*	9,7585	+ 0,01
Aug. 8	9,8173	0,9473 *n*	1,1196	1,1550 *n*	9,7787	+ 0,01
18	9,8360	0,9561 *n*	1,1809	1,0682 *n*	9,7980	+ 0,01
28	9,8521	0,9638 *n*	1,2240	0,9431 *n*	9,8164	+ 0,01
Sept. 7	9,8663	0,9695 *n*	1,2519	0,7467 *n*	9,8342	+ 0,01
17	9,8791	0,9725 *n*	1,2664	0,3455 *n*	9,8512	+ 0,01
27	9,8912	0,9724 *n*	1,2682	0,0910	9,8676	+ 0,01
Oct. 7	9,9031	0,9692 *n*	1,2572	0,6688	9,8834	+ 0,01
17	9,9153	0,9631 *n*	1,2324	0,9019	9,8986	+ 0,01
27	9,9284	0,9546 *n*	1,1920	1,0442	9,9134	0,00
Nov. 6	9,9426	0,9444 *n*	1,1323	1,1413	9,9276	0,00
16	9,9578	0,9336 *n*	1,0469	1,2098	9,9414	+ 0,01
26	9,9740	0,9236 *n*	0,9224	1,2574	9,9547	+ 0,01
Dec. 6	9,9907	0,9154 *n*	0,7259	1,2880	9,9677	+ 0,01
16	0,0076	0,9103 *n*	0,3226	1,3037	9,9803	+ 0,01
26	0,0242	0,9088 *n*	0,0746 *n*	1,3056	9,9925	+ 0,01
36	0,0407	0,9112 *n*	0,6475 *n*	1,2938	0,0044	+ 0,01

Tabula VIII.

1821.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	8,9128	0,9099 *n*	0,5092 *n*	1,2999	— ∞	+ 0″,01
10	9,0797	0,9144 *n*	0,8067 *n*	1,2790	8,4362	+ 0,01
20	9,1940	0,9217 *n*	0,9723 *n*	1,2426	8,7373	+ 0,02
30	9,2778	0,9306 *n*	1,0813 *n*	1,1878	8,9134	+ 0,02
Febr. 9	9,3417	0,9398 *n*	1,1569 *n*	1,1094	9,0383	+ 0,02
19	9,3918	0,9481 *n*	1,2093 *n*	0,9971	9,1352	+ 0,02
Mart. 1	9,4323	0,9544 *n*	1,2438 *n*	0,8268	9,2144	+ 0,02
11	9,4665	0,9580 *n*	1,2632 *n*	0,5186	9,2813	+ 0,02
21	9,4968	0,9584 *n*	1,2690 *n*	9,2774 *n*	9,3393	+ 0,01
31	9,5252	0,9554 *n*	1,2619 *n*	0,5628 *n*	9,3905	+ 0,01
Apr. 10	9,5533	0,9494 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,01
20	9,5820	0,9407 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,01
30	9,6117	0,9301 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,01
Maj. 10	9,6424	0,9187 *n*	1,0835 *n*	1,1862 *n*	9,5502	+ 0,01
20	9,6738	0,9075 *n*	0,9822 *n*	1,2391 *n*	9,5824	+ 0,01
30	9,7053	0,8977 *n*	0,8339 *n*	1,2751 *n*	9,6123	+ 0,02
Jun. 9	9,7362	0,8902 *n*	0,5868 *n*	1,2969 *n*	9,6404	+ 0,02
19	9,7659	0,8858 *n*	9,9044 *n*	1,3061 *n*	9,6667	+ 0,02
29	9,7939	0,8850 *n*	0,3571	1,3033 *n*	9,6915	+ 0,02
Jul. 9	9,8197	0,8876 *n*	0,7235	1,2882 *n*	9,7150	+ 0,02
19	9,8431	0,8931 *n*	0,9117	1,2600 *n*	9,7373	+ 0,02
29	9,8640	0,9006 *n*	1,0339	1,2168 *n*	9,7585	+ 0,02
Aug. 8	9,8823	0,9091 *n*	1,1196	1,1550 *n*	9,7787	+ 0,03
18	9,8982	0,9174 *n*	1,1809	1,0682 *n*	9,7980	+ 0,03
28	9,9121	0,9245 *n*	1,2240	0,9431 *n*	9,8164	+ 0,03
Sept. 7	9,9244	0,9293 *n*	1,2519	0,7467 *n*	9,8342	+ 0,02
17	9,9355	0,9313 *n*	1,2664	0,3454 *n*	9,8512	+ 0,02
27	9,9459	0,9300 *n*	1,2682	0,0910	9,8676	+ 0,02
Oct. 7	9,9563	0,9251 *n*	1,2572	0,6688	9,8834	+ 0,02
17	9,9670	0,9170 *n*	1,2324	0,9019	9,8986	+ 0,02
27	9,9785	0,9061 *n*	1,1920	1,0442	9,9134	+ 0,02
Nov. 6	9,9910	0,8933 *n*	1,1323	1,1413	9,9276	+ 0,02
16	0,0045	0,8798 *n*	1,0469	1,2098	9,9414	+ 0,02
26	0,0189	0,8669 *n*	0,9224	1,2574	9,9547	+ 0,02
Dec. 6	0,0339	0,8561 *n*	0,7259	1,2880	9,9677	+ 0,02
16	0,0491	0,8486 *n*	0,3226	1,3037	9,9803	+ 0,03
26	0,0641	0,8454 *n*	0,0745 *n*	1,3056	9,9925	+ 0,03
36	0,0784	0,8466 *n*	0,6475 *n*	1,2938	0,0044	+ 0,03

Tabula VIII.

1822.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,2632	0,8457 *n*	0,5091 *n*	1,2999	— ∞	+ 0″,03
10	9,3449	0,8493 *n*	0,8067 *n*	1,2790	8,4362	+ 0,03
20	9,4101	0,8563 *n*	0,9723 *n*	1,2426	8,7373	+ 0,03
30	9,4624	0,8652 *n*	1,0813 *n*	1,1878	8,9134	+ 0,03
Febr. 9	9,5047	0,8745 *n*	1,1569 *n*	1,1094	9,0383	+ 0,03
19	9,5392	0,8827 *n*	1,2093 *n*	0,9971	9,1352	+ 0,03
Mart. 1	9,5680	0,8887 *n*	1,2438 *n*	0,8268	9,2144	+ 0,03
11	9,5927	0,8915 *n*	1,2632 *n*	0,5187	9,2813	+ 0,03
21	9,6152	0,8905 *n*	1,2690 *n*	9,2773 *n*	9,3393	+ 0,03
31	9,6366	0,8857 *n*	1,2619 *n*	0,5628 *n*	9,3905	+ 0,03
Apr. 10	9,6580	0,8772 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,03
20	9,6803	0,8656 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,03
30	9,7038	0,8515 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,03
Maj. 10	9,7284	0,8363 *n*	1,0835 *n*	1,1862 *n*	9,5502	+ 0,03
20	9,7540	0,8212 *n*	0,9822 *n*	1,2391 *n*	9,5824	+ 0,03
30	9,7799	0,8076 *n*	0,8338 *n*	1,2751 *n*	9,6123	+ 0,03
Jun. 9	9,8058	0,7967 *n*	0,5868 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,8310	0,7897 *n*	9,9043 *n*	1,3061 *n*	9,6667	+ 0,03
29	9,8549	0,7870 *n*	0,3571	1,3033 *n*	9,6915	+ 0,04
Jul. 9	9,8771	0,7886 *n*	0,7235	1,2882 *n*	9,7150	+ 0,04
19	9,8974	0,7939 *n*	0,9118	1,2600 *n*	9,7373	+ 0,04
29	9,9155	0,8018 *n*	1,0339	1,2168 *n*	9,7585	+ 0,04
Aug. 8	9,9315	0,8109 *n*	1,1196	1,1550 *n*	9,7787	+ 0,04
18	9,9456	0,8198 *n*	1,1809	1,0682 *n*	9,7980	+ 0,04
28	9,9578	0,8272 *n*	1,2240	0,9431 *n*	9,8164	+ 0,04
Sept. 7	9,9686	0,8319 *n*	1,2519	0,7467 *n*	9,8342	+ 0,04
17	9,9783	0,8329 *n*	1,2664	0,3454 *n*	9,8512	+ 0,04
27	9,9876	0,8298 *n*	1,2682	0,0910	9,8676	+ 0,04
Oct. 7	9,9967	0,8223 *n*	1,2572	0,6688	9,8834	+ 0,04
17	0,0063	0,8105 *n*	1,2324	0,9019	9,8986	+ 0,03
27	0,0166	0,7951 *n*	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0278	0,7769 *n*	1,1323	1,1413	9,9276	+ 0,03
16	0,0400	0,7575 *n*	1,0469	1,2098	9,9414	+ 0,03
26	0,0530	0,7386 *n*	0,9224	1,2574	9,9547	+ 0,04
Dec. 6	0,0668	0,7223 *n*	0,7259	1,2880	9,9677	+ 0,04
16	0,0806	0,7104 *n*	0,3227	1,3037	9,9803	+ 0,04
26	0,0943	0,7042 *n*	0,0745 *n*	1,3056	9,9925	+ 0,04
36	0,1074	0,7041 *n*	0,6475 *n*	1,2938	0,0044	+ 0,04

Tabula VIII.

1823.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,4254	0,7034 n	0,5091 n	1,2999	— ∞	+ 0″,04
10	9,4823	0,7068 n	0,8067 n	1,2790	8,4362	+ 0,04
20	9,5299	0,7147 n	0,9723 n	1,2426	8,7373	+ 0,04
30	9,5694	0,7253 n	1,0813 n	1,1878	8,9134	+ 0,04
Febr. 9	9,6021	0,7365 n	1,1569 n	1,1094	9,0383	+ 0,04
19	9,6292	0,7462 n	1,2093 n	0,9971	9,1352	+ 0,04
Mart. 1	9,6521	0,7529 n	1,2438 n	0,8268	9,2144	+ 0,04
11	9,6720	0,7552 n	1,2632 n	0,5187	9,2813	+ 0,04
21	9,6901	0,7524 n	1,2690 n	9,2771 n	9,3393	+ 0,04
31	9,7076	0,7443 n	1,2619 n	0,5628 n	9,3905	+ 0,04
Apr. 10	9,7253	0,7310 n	1,2415 n	0,8447 n	9,4362	+ 0,04
20	9,7439	0,7130 n	1,2068 n	1,0047 n	9,4776	+ 0,04
30	9,7637	0,6913 n	1,1556 n	1,1113 n	9,5154	+ 0,04
Maj. 10	9,7848	0,6673 n	1,0835 n	1,1862 n	9,5502	+ 0,04
20	9,8068	0,6430 n	0,9822 n	1,2391 n	9,5824	+ 0,04
30	9,8294	0,6204 n	0,8338 n	1,2751 n	9,6123	+ 0,04
Jun. 9	9,8520	0,6016 n	0,5868 n	1,2969 n	9,6404	+ 0,04
19	9,8743	0,5886 n	9,9042 n	1,3061 n	9,6667	+ 0,04
29	9,8956	0,5823 n	0,3571	1,3033 n	9,6915	+ 0,05
Jul. 9	9,9155	0,5829 n	0,7235	1,2882 n	9,7150	+ 0,05
19	9,9337	0,5894 n	0,9118	1,2600 n	9,7373	+ 0,05
29	9,9500	0,6002 n	1,0339	1,2168 n	9,7585	+ 0,05
Aug. 8	9,9645	0,6128 n	1,1196	1,1550 n	9,7787	+ 0,05
18	9,9771	0,6250 n	1,1809	1,0682 n	9,7980	+ 0,05
28	9,9881	0,6349 n	1,2240	0,9431 n	9,8164	+ 0,05
Sept. 7	9,9979	0,6405 n	1,2519	0,7467 n	9,8342	+ 0,05
17	0,0067	0,6405 n	1,2664	0,3454 n	9,8512	+ 0,05
27	0,0150	0,6341 n	1,2682	0,0910	9,8676	+ 0,05
Oct. 7	0,0233	0,6206 n	1,2572	0,6688	9,8834	+ 0,04
17	0,0319	0,6000 n	1,2324	0,9019	9,8986	+ 0,04
27	0,0413	0,5728 n	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0516	0,5401 n	1,1323	1,1413	9,9276	+ 0,04
16	0,0628	0,5040 n	1,0469	1,2098	9,9414	+ 0,04
26	0,0749	0,4674 n	0,9225	1,2573	9,9547	+ 0,05
Dec. 6	0,0876	0,4342 n	0,7260	1,2880	9,9677	+ 0,05
16	0,1005	0,4083 n	0,3227	1,3037	9,9803	+ 0,05
26	0,1133	0,3933 n	0,0744 n	1,3056	9,9925	+ 0,05
36	0,1256	0,3906 n	0,6475 n	1,2938	0,0044	+ 0,05

Tabula VIII.

1824.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	9,5073	0,3902 *n*	0,5091 *n*	1,2999	$-\infty$	+ 0,05″
11	9,5539	0,3947 *n*	0,8067 *n*	1,2790	8,4362	+ 0,05
21	9,5936	0,4085 *n*	0,9723 *n*	1,2426	8,7373	+ 0,05
31	9,6270	0,4275 *n*	1,0813 *n*	1,1878	8,9134	+ 0,05
Febr. 10	9,6549	0,4474 *n*	1,1569 *n*	1,1094	9,0383	+ 0,05
20	9,6782	0,4642 *n*	1,2093 *n*	0,9971	9,1352	+ 0,05
Mart. 1	9,6979	0,4750 *n*	1,2438 *n*	0,8268	9,2144	+ 0,05
11	9,7151	0,4775 *n*	1,2632 *n*	0,5187	9,2813	+ 0,05
21	9,7309	0,4705 *n*	1,2690 *n*	9,2770 *n*	9,3393	+ 0,05
31	9,7461	0,4529 *n*	1,2619 *n*	0,5628 *n*	9,3905	+ 0,05
Apr. 10	9,7617	0,4245 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7781	0,3851 *n*	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,7958	0,3353 *n*	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8148	0,2764 *n*	1,0835 *n*	1,1862 *n*	9,5502	+ 0,05
20	9,8348	0,2110 *n*	0,9822 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8555	0,1436 *n*	0,8388 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8763	0,0810 *n*	0,5868 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8969	0,0319 *n*	9,9041 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9166	0,0045 *n*	0,3572	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9351	0,0025 *n*	0,7235	1,2882 *n*	9,7150	+ 0,05
19	9,9520	0,0230 *n*	0,9118	1,2600 *n*	9,7373	+ 0,05
29	9,9673	0,0576 *n*	1,0339	1,2168 *n*	9,7585	+ 0,05
Aug. 8	9,9808	0,0970 *n*	1,1196	1,1550 *n*	9,7787	+ 0,05
18	9,9925	0,1331 *n*	1,1809	1,0682 *n*	9,7980	+ 0,05
28	0,0027	0,1603 *n*	1,2240	0,9430 *n*	9,8164	+ 0,05
Sept. 7	0,0117	0,1743 *n*	1,2519	0,7467 *n*	9,8342	+ 0,05
17	0,0199	0,1720 *n*	1,2664	0,3454 *n*	9,8512	+ 0,05
27	0,0275	0,1503 *n*	1,2682	0,0910	9,8676	+ 0,05
Oct. 7	0,0352	0,1052 *n*	1,2572	0,6688	9,8834	+ 0,05
17	0,0432	0,0308 *n*	1,2324	0,9019	9,8986	+ 0,05
27	0,0520	9,9162 *n*	1,1920	1,0442	9,9134	+ 0,05
Nov. 6	0,0616	9,7377 *n*	1,1323	1,1413	9,9276	+ 0,05
16	0,0723	9,4201 *n*	1,0469	1,2098	9,9414	+ 0,05
26	0,0837	7,1367	0,9225	1,2573	9,9547	+ 0,05
Dec. 6	0,0958	9,3503	0,7260	1,2880	9,9677	+ 0,05
16	0,1082	9,5877	0,3228	1,3037	9,9803	+ 0,05
26	0,1204	9,6811	0,0743 *n*	1,3056	9,9925	+ 0,05
36	0,1322	9,7000	0,6475 *n*	1,2938	0,0044	+ 0,05

Tabula VIII.

1825.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,5345	9,7001	0,5091 *n*	1,2999	— ∞	+ 0,05″
10	9,5773	9,6823	0,8067 *n*	1,2790	8,4362	+ 0,05
20	9,6139	9,6086	0,9723 *n*	1,2426	8,7373	+ 0,06
30	9,6449	9,4719	1,0812 *n*	1,1878	8,9134	+ 0,06
Febr. 9	9,6707	9,2447	1,1569 *n*	1,1095	9,0383	+ 0,06
19	9,6923	8,8417	1,2093 *n*	0,9971	9,1352	+ 0,05
Mart. 1	9,7106	6,7482	1,2438 *n*	0,8268	9,2144	+ 0,05
11	9,7265	8,1202 *n*	1,2632 *n*	0,5187	9,2813	+ 0,05
21	9,7410	8,5891	1,2690 *n*	9,2769 *n*	9,3393	+ 0,05
31	9,7551	9,2019	1,2619 *n*	0,5628 *n*	9,3905	+ 0,05
Apr. 10	9,7696	9,5344	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7851	9,7602	1,2068 *n*	1,0047 *n*	9,4776	+ 0,05
30	9,8018	9,9249	1,1556 *n*	1,1113 *n*	9,5154	+ 0,05
Maj. 10	9,8198	0,0485	1,0835 *n*	1,1862 *n*	9,5502	+ 0,05
20	9,8389	0,1413	0,9822 *n*	1,2391 *n*	9,5824	+ 0,05
30	9,8588	0,2096	0,8338 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8789	0,2574	0,5867 *n*	1,2969 *n*	9,6404	+ 0,05
19	9,8988	0,2876	9,9040 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9179	0,3023	0,3572	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9358	0,3035	0,7235	1,2882 *n*	9,7150	+ 0,05
19	9,9522	0,2930	0,9118	1,2600 *n*	9,7373	+ 0,05
29	9,9670	0,2733	1,0339	1,2168 *n*	9,7585	+ 0,05
Aug. 8	9,9800	0,2475	1,1196	1,1550 *n*	9,7787	+ 0,05
18	9,9913	0,2200	1,1809	1,0681 *n*	9,7980	+ 0,05
28	0,0011	0,1963	1,2240	0,9430 *n*	9,8164	+ 0,05
Sept. 7	0,0097	0,1828	1,2519	0,7467 *n*	9,8342	+ 0,05
17	0,0174	0,1847	1,2664	0,3454 *n*	9,8512	+ 0,05
27	0,0247	0,2044	1,2682	0,0910	9,8676	+ 0,05
Oct. 7	0,0320	0,2404	1,2572	0,6688	9,8834	+ 0,05
17	0,0397	0,2875	1,2324	0,9019	9,8986	+ 0,05
27	0,0481	0,3396	1,1920	1,0442	9,9134	+ 0,05
Nov. 6	0,0575	0,3911	1,1323	1,1413	9,9276	+ 0,05
16	0,0678	0,4381	1,0469	1,2098	9,9414	+ 0,05
26	0,0790	0,4777	0,9225	1,2573	9,9547	+ 0,05
Dec. 6	0,0908	0,5083	0,7260	1,2880	9,9677	+ 0,05
16	0,1030	0,5293	0,3228	1,3037	9,9803	+ 0,05
26	0,1151	0,5407	0,0742 *n*	1,3056	9,9925	+ 0,05
36	0,1267	0,5428	0,6474 *n*	1,2938	0,0044	+ 0,05

Tabula VIII.

1826.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,5126	0,5430	0,5090 *n*	1,2999	— ∞	+ 0,05″
10	9,5562	0,5400	0,8067 *n*	1,2790	8,4362	+ 0,05
20	9,5935	0,5300	0,9723 *n*	1,2426	8,7373	+ 0,05
30	9,6248	0,5151	1,0812 *n*	1,1878	8,9134	+ 0,05
Febr. 9	9,6509	0,4982	1,1569 *n*	1,1095	9,0383	+ 0,05
19	9,6725	0,4826	1,2093 *n*	0,9971	9,1352	+ 0,05
Mart. 1	9,6907	0,4718	1,2438 *n*	0,8263	9,2144	+ 0,05
11	9,7064	0,4690	1,2632 *n*	0,5187	9,2813	+ 0,05
21	9,7208	0,4758	1,2690 *n*	9,2763 *n*	9,3393	+ 0,05
31	9,7347	0,4921	1,2619 *n*	0,5628 *n*	9,3905	+ 0,05
Apr. 10	9,7491	0,5161	1,2415 *n*	0,8447 *n*	9,4362	+ 0,04
20	9,7645	0,5451	1,2068 *n*	1,0047 *n*	9,4776	+ 0,04
30	9,7813	0,5761	1,1556 *n*	1,1113 *n*	9,5154	+ 0,04
Maj. 10	9,7995	0,6061	1,0835 *n*	1,1862 *n*	9,5502	+ 0,04
20	9,8188	0,6331	0,9822 *n*	1,2391 *n*	9,5824	+ 0,04
30	9,8390	0,6556	0,8338 *n*	1,2751 *n*	9,6123	+ 0,04
Jun. 9	9,8594	0,6726	0,5867 *n*	1,2969 *n*	9,6404	+ 0,04
19	9,8796	0,6837	9,9039 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8990	0,6890	0,3572	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9171	0,6887	0,7236	1,2882 *n*	9,7150	+ 0,05
19	9,9338	0,6836	0,9118	1,2600 *n*	9,7373	+ 0,05
29	9,9487	0,6749	1,0339	1,2168 *n*	9,7585	+ 0,05
Aug. 8	9,9616	0,6640	1,1196	1,1550 *n*	9,7787	+ 0,05
18	9,9731	0,6528	1,1809	1,0681 *n*	9,7980	+ 0,05
28	9,9829	0,6431	1,2240	0,9430 *n*	9,8164	+ 0,05
Sept. 7	9,9914	0,6373	1,2519	0,7467 *n*	9,8342	+ 0,05
17	9,9990	0,6371	1,2664	0,3454 *n*	9,8512	+ 0,04
27	0,0062	0,6430	1,2682	0,0910	9,8676	+ 0,04
Oct. 7	0,0134	0,6554	1,2572	0,6688	9,8834	+ 0,04
17	0,0210	0,6731	1,2324	0,9019	9,8986	+ 0,04
27	0,0294	0,6943	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0388	0,7169	1,1323	1,1413	9,9276	+ 0,04
16	0,0492	0,7388	1,0469	1,2098	9,9414	+ 0,04
26	0,0605	0,7581	0,9225	1,2573	9,9547	+ 0,04
Dec. 6	0,0725	0,7736	0,7260	1,2880	9,9677	+ 0,04
16	0,0849	0,7842	0,3228	1,3037	9,9803	+ 0,04
26	0,0971	0,7896	0,0742 *n*	1,3056	9,9925	+ 0,04
36	0,1089	0,7899	0,6474 *n*	1,2938	0,0044	+ 0,04

Tabula VIII.

1827.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,4347	0,7904	0,5090 *n*	1,2999	— ∞	+ 0″,04
10	9,4851	0,7878	0,8067 *n*	1,2790	8,4362	+ 0,04
20	9,5275	0,7812	0,9723 *n*	1,2426	8,7373	+ 0,04
30	9,5626	0,7719	1,0812 *n*	1,1878	8,9134	+ 0,04
Febr. 9	9,5915	0,7615	1,1569 *n*	1,1095	9,0383	+ 0,04
19	9,6153	0,7520	1,2093 *n*	0,9971	9,1352	+ 0,04
Mart. 1	9,6350	0,7451	1,2438 *n*	0,8268	9,2144	+ 0,04
11	9,6520	0,7425	1,2632 *n*	0,5187	9,2813	+ 0,04
21	9,6674	0,7450	1,2690 *n*	9,2767 *n*	9,3393	+ 0,04
31	9,6823	0,7527	1,2619 *n*	0,5628 *n*	9,3905	+ 0,04
Apr. 10	9,6977	0,7649	1,2415 *n*	0,8447 *n*	9,4362	+ 0,03
20	9,7143	0,7804	1,2068 *n*	1,0047 *n*	9,4776	+ 0,03
30	9,7324	0,7975	1,1556 *n*	1,1113 *n*	9,5154	+ 0,03
Maj. 10	9,7520	0,8148	1,0835 *n*	1,1862 *n*	9,5502	+ 0,03
20	9,7729	0,8307	0,9822 *n*	1,2391 *n*	9,5824	+ 0,03
30	9,7946	0,8440	0,8338 *n*	1,2751 *n*	9,6123	+ 0,03
Jun. 9	9,8166	0,8541	0,5867 *n*	1,2969 *n*	9,6404	+ 0,03
19	9,8383	0,8605	9,9038 *n*	1,3061 *n*	9,6667	+ 0,03
29	9,8591	0,8629	0,3573	1,3032 *n*	9,6915	+ 0,04
Jul. 9	9,8784	0,8617	0,7236	1,2882 *n*	9,7150	+ 0,04
19	9,8961	0,8573	0,9118	1,2600 *n*	9,7373	+ 0,04
29	9,9119	0,8503	1,0339	1,2168 *n*	9,7585	+ 0,04
Aug. 8	9,9257	0,8420	1,1196	1,1550 *n*	9,7787	+ 0,04
18	9,9376	0,8334	1,1809	1,0681 *n*	9,7980	+ 0,04
28	9,9478	0,8259	1,2240	0,9430 *n*	9,8164	+ 0,04
Sept. 7	9,9566	0,8209	1,2519	0,7467 *n*	9,8342	+ 0,03
17	9,9645	0,8194	1,2664	0,3454 *n*	9,8512	+ 0,03
27	9,9719	0,8222	1,2682	0,0911	9,8676	+ 0,03
Oct. 7	9,9793	0,8291	1,2572	0,6688	9,8834	+ 0,03
17	9,9872	0,8398	1,2324	0,9019	9,8986	+ 0,03
27	9,9959	0,8532	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0057	0,8678	1,1323	1,1413	9,9276	+ 0,03
16	0,0166	0,8823	1,0469	1,2098	9,9414	+ 0,03
26	0,0285	0,8952	0,9225	1,2573	9,9547	+ 0,03
Dec. 6	0,0411	0,9054	0,7260	1,2879	9,9677	+ 0,03
16	0,0541	0,9122	0,3229	1,3037	9,9803	+ 0,03
26	0,0669	0,9151	0,0741 *n*	1,3056	9,9925	+ 0,03
36	0,0793	0,9143	0,6474 *n*	1,2938	0,0044	+ 0,03

Tabula VIII.

1828.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 1	9,2736	0,9150	0,5090 *n*	1,2999	— ∞	+ 0″,03
11	9,3434	0,9119	0,8067 *n*	1,2790	8,4362	+ 0,03
21	9,3998	0,9058	0,9723 *n*	1,2426	8,7373	+ 0,03
31	9,4453	0,8977	1,0812 *n*	1,1878	8,9134	+ 0,03
Febr. 10	9,4817	0,8887	1,1569 *n*	1,1095	9,0383	+ 0,03
20	9,5111	0,8804	1,2093 *n*	0,9971	9,1352	+ 0,03
Mart. 1	9,5352	0,8741	1,2438 *n*	0,8268	9,2144	+ 0,03
11	9,5556	0,8708	1,2632 *n*	0,5187	9,2813	+ 0,03
21	9,5740	0,8713	1,2690 *n*	9,2765 *n*	9,3393	+ 0,02
31	9,5917	0,8758	1,2619 *n*	0,5628 *n*	9,3905	+ 0,02
Apr. 10	9,6099	0,8837	1,2415 *n*	0,8447 *n*	9,4362	+ 0,02
20	9,6294	0,8943	1,2068 *n*	1,0048 *n*	9,4776	+ 0,02
30	9,6507	0,9063	1,1556 *n*	1,1113 *n*	9,5154	+ 0,02
Maj. 10	9,6737	0,9186	1,0835 *n*	1,1862 *n*	9,5502	+ 0,02
20	9,6981	0,9299	0,9822 *n*	1,2391 *n*	9,5824	+ 0,02
30	9,7232	0,9394	0,8338 *n*	1,2751 *n*	9,6123	+ 0,02
Jun. 9	9,7486	0,9464	0,5867 *n*	1,2969 *n*	9,6404	+ 0,02
19	9,7734	0,9504	9,9037 *n*	1,3061 *n*	9,6667	+ 0,02
29	9,7970	0,9512	0,3573	1,3032 *n*	9,6915	+ 0,02
Jul. 9	9,8189	0,9491	0,7236	1,2882 *n*	9,7150	+ 0,02
19	9,8388	0,9442	0,9118	1,2600 *n*	9,7373	+ 0,02
29	9,8564	0,9373	1,0339	1,2167 *n*	9,7585	+ 0,02
Aug. 8	9,8717	0,9292	1,1196	1,1550 *n*	9,7787	+ 0,02
18	9,8848	0,9209	1,1809	1,0681 *n*	9,7980	+ 0,02
28	9,8960	0,9135	1,2240	0,9430 *n*	9,8164	+ 0,02
Sept. 7	9,9057	0,9081	1,2519	0,7467 *n*	9,8342	+ 0,02
17	9,9143	0,9055	1,2664	0,3454 *n*	9,8512	+ 0,02
27	9,9223	0,9064	1,2682	0,0911	9,8676	+ 0,02
Oct. 7	9,9303	0,9108	1,2572	0,6688	9,8834	+ 0,01
17	9,9389	0,9184	1,2324	0,9019	9,8986	+ 0,01
27	9,9484	0,9282	1,1920	1,0442	9,9134	+ 0,01
Nov. 6	9,9591	0,9393	1,1323	1,1413	9,9276	+ 0,01
16	9,9711	0,9503	1,0469	1,2098	9,9414	+ 0,01
26	9,9840	0,9601	0,9225	1,2573	9,9547	+ 0,01
Dec. 6	9,9977	0,9677	0,7260	1,2879	9,9677	+ 0,01
16	0,0118	0,9723	0,3229	1,3037	9,9803	+ 0,01
26	0,0258	0,9737	0,0740 *n*	1,3056	9,9925	+ 0,01
36	0,0392	0,9717	0,6474 *n*	1,2938	0,0044	+ 0,01

Tabula VIII.

1829.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	8,9140	0,9728	0,5090 *n*	1,2999	— ∞	+ 0,01″
10	9,0583	0,9689	0,8067 *n*	1,2790	8,4362	+ 0,01
20	9,1600	0,9623	0,9723 *n*	1,2426	8,7373	+ 0,01
30	9,2352	0,9539	1,0812 *n*	1,1878	8,9134	+ 0,01
Febr. 9	9,2920	0,9447	1,1569 *n*	1,1095	9,0383	+ 0,01
19	9,3360	0,9360	1,2093 *n*	0,9972	9,1352	+ 0,01
Mart. 1	9,3708	0,9291	1,2438 *n*	0,8268	9,2144	+ 0,01
11	9,3997	0,9248	1,2632 *n*	0,5187	9,2813	+ 0,01
21	9,4252	0,9238	1,2690 *n*	9,2764 *n*	9,3393	+ 0,01
31	9,4494	0,9264	1,2619 *n*	0,5628 *n*	9,3905	+ 0,01
Apr. 10	9,4740	0,9321	1,2415 *n*	0,8447 *n*	9,4362	0,00
20	9,5001	0,9402	1,2068 *n*	1,0048 *n*	9,4776	0,00
30	9,5281	0,9497	1,1556 *n*	1,1113 *n*	9,5154	0,00
Maj. 10	9,5579	0,9594	1,0835 *n*	1,1862 *n*	9,5502	0,00
20	9,5892	0,9685	0,9822 *n*	1,2391 *n*	9,5824	0,00
30	9,6210	0,9759	0,8338 *n*	1,2751 *n*	9,6123	0,00
Jun. 9	9,6526	0,9810	0,5867 *n*	1,2969 *n*	9,6404	0,00
19	9,6830	0,9835	9,9036 *n*	1,3061 *n*	9,6667	0,00
29	9,7117	0,9830	0,3573	1,3032 *n*	9,6915	0,00
Jul. 9	9,7381	0,9797	0,7236	1,2882 *n*	9,7150	0,00
19	9,7617	0,9739	0,9118	1,2600 *n*	9,7373	0,00
29	9,7825	0,9661	1,0339	1,2167 *n*	9,7585	0,00
Aug. 8	9,8004	0,9572	1,1196	1,1550 *n*	9,7787	0,00
18	9,8157	0,9480	1,1809	1,0681 *n*	9,7980	0,00
28	9,8287	0,9396	1,2240	0,9430 *n*	9,8164	0,00
Sept. 7	9,8398	0,9331	1,2519	0,7467 *n*	9,8342	0,00
17	9,8497	0,9292	1,2664	0,3453 *n*	9,8512	0,00
27	9,8589	0,9286	1,2683	0,0911	9,8676	0,00
Oct. 7	9,8681	0,9314	1,2572	0,6688	9,8834	0,00
17	9,8779	0,9371	1,2324	0,9019	9,8986	— 0,01
27	9,8888	0,9452	1,1920	1,0442	9,9134	— 0,01
Nov. 6	9,9009	0,9544	1,1323	1,1413	9,9276	— 0,01
16	9,9145	0,9637	1,0469	1,2098	9,9414	— 0,01
26	9,9292	0,9719	0,9225	1,2573	9,9547	— 0,01
Dec. 6	9,9447	0,9779	0,7260	1,2879	9,9677	— 0,01
16	9,9606	0,9812	0,3229	1,3037	9,9803	— 0,01
26	9,9762	0,9812	0,0740 *n*	1,3056	9,9925	— 0,01
36	9,9912	0,9780	0,6474 *n*	1,2938	0,0044	0,00

Tabula VIII.

1830.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,5111 *n*	0,9796	0,5089 *n*	1,2999	— ∞	0,″00
10	6,2305 *n*	0,9744	0,8066 *n*	1,2790	8,4362	0,00
20	8,4767	0,9665	0,9723 *n*	1,2426	8,7373	0,00
30	8,7578	0,9568	1,0812 *n*	1,1879	8,9134	0,00
Febr. 9	8,9100	0,9462	1,1569 *n*	1,1095	9,0383	0,00
19	9,0092	0,9361	1,2093 *n*	0,9972	9,1352	— 0,01
Mart. 1	9,0801	0,9277	1,2438 *n*	0,8268	9,2144	— 0,01
11	9,1349	0,9219	1,2632 *n*	0,5187	9,2813	— 0,01
21	9,1808	0,9194	1,2690 *n*	9,2763 *n*	9,3393	— 0,01
31	9,2225	0,9205	1,2619 *n*	0,5628 *n*	9,3905	— 0,01
Apr. 10	9,2633	0,9248	1,2415 *n*	0,8447 *n*	9,4362	— 0,01
20	9,3050	0,9316	1,2068 *n*	1,0048 *n*	9,4776	— 0,01
30	9,3482	0,9398	1,1556 *n*	1,1113 *n*	9,5154	— 0,02
Maj. 10	9,3928	0,9484	1,0835 *n*	1,1862 *n*	9,5502	— 0,02
20	9,4379	0,9563	0,9822 *n*	1,2391 *n*	9,5824	— 0,02
30	9,4825	0,9626	0,8338 *n*	1,2751 *n*	9,6123	— 0,02
Jun. 9	9,5254	0,9665	0,5866 *n*	1,2969 *n*	9,6404	— 0,02
19	9,5660	0,9677	9,9035 *n*	1,3061 *n*	9,6667	— 0,01
29	9,6033	0,9658	0,3574	1,3032 *n*	9,6915	— 0,01
Jul. 9	9,6396	0,9611	0,7236	1,2882 *n*	9,7150	— 0,01
19	9,6667	0,9536	0,9118	1,2600 *n*	9,7373	— 0,01
29	9,6926	0,9441	1,0339	1,2167 *n*	9,7585	— 0,01
Aug. 8	9,7147	0,9332	1,1196	1,1550 *n*	9,7787	— 0,01
18	9,7334	0,9221	1,1809	1,0681 *n*	9,7980	— 0,01
28	9,7492	0,9117	1,2240	0,9430 *n*	9,8164	— 0,01
Sept. 7	9,7627	0,9031	1,2519	0,7467 *n*	9,8342	— 0,02
17	9,7746	0,8974	1,2664	0,3453 *n*	9,8512	— 0,02
27	9,7857	0,8952	1,2683	0,0911	9,8676	— 0,02
Oct. 7	9,7967	0,8966	1,2572	0,6688	9,8834	— 0,02
17	9,8084	0,9014	1,2324	0,9019	9,8986	— 0,02
27	9,8213	0,9086	1,1920	1,0442	9,9134	— 0,02
Nov. 6	9,8356	0,9172	1,1323	1,1413	9,9276	— 0,02
16	9,8515	0,9258	1,0469	1,2098	9,9414	— 0,02
26	9,8686	0,9333	0,9225	1,2573	9,9547	— 0,02
Dec. 6	9,8866	0,9386	0,7261	1,2879	9,9677	— 0,02
16	9,9048	0,9408	0,3230	1,3037	9,9803	— 0,02
26	9,9228	0,9394	0,0739 *n*	1,3056	9,9925	— 0,02
36	9,9398	0,9344	0,6474 *n*	1,2938	0,0044	— 0,02

Tabula VIII.

1831.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,1521 *n*	0,9367	0,5089 *n*	1,2999	— ∞	— 0″,02
10	9,0387 *n*	0,9296	0,8066 *n*	1,2790	8,4362	— 0,02
20	8,8968 *n*	0,9194	0,9722 *n*	1,2426	8,7373	— 0,02
30	8,7095 *n*	0,9072	1,0812 *n*	1,1879	8,9134	— 0,02
Febr. 9	8,4288 *n*	0,8937	1,1569 *n*	1,1095	9,0333	— 0,02
19	7,7497 *n*	0,8808	1,2093 *n*	0,9972	9,1352	— 0,02
Mart. 1	8,1099	0,8696	1,2438 *n*	0,8269	9,2144	— 0,02
11	8,4686	0,8614	1,2632 *n*	0,5188	9,2813	— 0,02
21	8,6535	0,8569	1,2690 *n*	9,2762 *n*	9,3393	— 0,03
31	8,7834	0,8565	1,2619 *n*	0,5628 *n*	9,3905	— 0,03
Apr. 10	8,8898	0,8599	1,2415 *n*	0,8447 *n*	9,4362	— 0,03
20	8,9845	0,8662	1,2068 *n*	1,0048 *n*	9,4776	— 0,03
30	9,0721	0,8742	1,1556 *n*	1,1114 *n*	9,5154	— 0,03
Maj. 10	9,1541	0,8727	1,0835 *n*	1,1862 *n*	9,5502	— 0,03
20	9,2306	0,8904	0,9822 *n*	1,2391 *n*	9,5824	— 0,03
30	9,3014	0,8963	0,8338 *n*	1,2751 *n*	9,6123	— 0,03
Jun. 9	9,3659	0,8995	0,5866 *n*	1,2970 *n*	9,6404	— 0,03
19	9,4240	0,8994	9,9034 *n*	1,3061 *n*	9,6667	— 0,03
29	9,4757	0,8953	0,3574	1,3032 *n*	9,6915	— 0,03
Jul. 9	9,5209	0,8888	0,7236	1,2882 *n*	9,7150	— 0,03
19	9,5600	0,8785	0,9118	1,2600 *n*	9,7373	— 0,03
29	9,5934	0,8657	1,0339	1,2167 *n*	9,7585	— 0,03
Aug. 8	9,6216	0,8511	1,1196	1,1550 *n*	9,7787	— 0,03
18	9,6452	0,8360	1,1809	1,0681 *n*	9,7980	— 0,03
28	9,6650	0,8216	1,2240	0,9430 *n*	9,8164	— 0,03
Sept. 7	9,6818	0,8095	1,2519	0,7467 *n*	9,8342	— 0,03
17	9,6966	0,8007	1,2664	0,3453 *n*	9,8512	— 0,03
27	9,7103	0,7962	1,2683	0,0911	9,8676	— 0,03
Oct. 7	9,7239	0,7963	1,2572	0,6688	9,8834	— 0,04
17	9,7381	0,8006	1,2325	0,9019	9,8986	— 0,04
27	9,7537	0,8081	1,1920	1,0442	9,9134	— 0,04
Nov. 6	9,7708	0,8173	1,1323	1,1413	9,9276	— 0,04
16	9,7896	0,8267	1,0469	1,2098	9,9414	— 0,04
26	9,8097	0,8346	0,9225	1,2573	9,9547	— 0,04
Dec. 6	9,8306	0,8397	0,7261	1,2879	9,9677	— 0,04
16	9,8517	0,8410	0,3230	1,3037	9,9803	— 0,04
26	9,8723	0,8378	0,0739 *n*	1,3056	9,9925	— 0,04
36	9,8917	0,8301	0,6473 *n*	1,2938	0,0044	— 0,04

Tabula VIII.

1832.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 1	9,3680 *n*	0,8335	0,5089 *n*	1,2999	— ∞	— 0,04
11	9,3012 *n*	0,8230	0,8066 *n*	1,2791	8,4362	— 0,03
21	9,2277 *n*	0,8084	0,9722 *n*	1,2426	8,7373	— 0,03
31	9,1481 *n*	0,7908	1,0812 *n*	1,1879	8,9134	— 0,03
Febr. 10	9,0628 *n*	0,7717	1,1569 *n*	1,1095	9,0383	— 0,03
20	8,9716 *n*	0,7528	1,2093 *n*	0,9972	9,1352	— 0,04
Mart. 1	8,8731 *n*	0,7359	1,2433 *n*	0,8269	9,2144	— 0,04
11	8,7575 *n*	0,7229	1,2632 *n*	0,5188	9,2813	— 0,04
21	8,6118 *n*	0,7150	1,2690 *n*	9,2760 *n*	9,3393	— 0,04
31	8,3890 *n*	0,7127	1,2619 *n*	0,5628 *n*	9,3905	— 0,04
Apr. 10	7,8389 *n*	0,7156	1,2415 *n*	0,8447 *n*	9,4362	— 0,04
20	8,1055	0,7226	1,2068 *n*	1,0048 *n*	9,4776	— 0,04
30	8,5446	0,7321	1,1556 *n*	1,1114 *n*	9,5154	— 0,04
Maj. 10	8,7805	0,7422	1,0834 *n*	1,1862 *n*	9,5502	— 0,04
20	8,9472	0,7513	0,9822 *n*	1,2391 *n*	9,5824	— 0,04
30	9,0770	0,7578	0,8338 *n*	1,2751 *n*	9,6123	— 0,04
Jun. 9	9,1825	0,7607	0,5866 *n*	1,2970 *n*	9,6404	— 0,04
19	9,2702	0,7591	9,9034 *n*	1,3061 *n*	9,6667	— 0,04
29	9,3436	0,7527	0,3575	1,3032 *n*	9,6915	— 0,04
Jul. 9	9,4052	0,7413	0,7236	1,2882 *n*	9,7150	— 0,04
19	9,4568	0,7253	0,9118	1,2600 *n*	9,7373	— 0,04
29	9,4998	0,7052	1,0340	1,2167 *n*	9,7585	— 0,04
Aug. 8	9,5355	0,6823	1,1196	1,1550 *n*	9,7787	— 0,04
18	9,5651	0,6580	1,1809	1,0681 *n*	9,7980	— 0,04
28	9,5897	0,6344	1,2240	0,9430 *n*	9,8164	— 0,04
Sept. 7	9,6105	0,6136	1,2519	0,7467 *n*	9,8342	— 0,04
17	9,6287	0,5978	1,2664	0,3453 *n*	9,8512	— 0,04
27	9,6455	0,5887	1,2683	0,0911	9,8676	— 0,04
Oct. 7	9,6621	0,5869	1,2572	0,6638	9,8834	— 0,05
17	9,6792	0,5919	1,2325	0,9019	9,8986	— 0,05
27	9,6977	0,6021	1,1920	1,0442	9,9134	— 0,05
Nov. 6	9,7179	0,6150	1,1323	1,1413	9,9276	— 0,05
16	9,7398	0,6281	1,0469	1,2098	9,9414	— 0,05
26	9,7629	0,6390	0,9225	1,2573	9,9547	— 0,05
Dec. 6	9,7868	0,6453	0,7261	1,2879	9,9677	— 0,05
16	9,8107	0,6458	0,3231	1,3037	9,9803	— 0,05
26	9,8338	0,6393	0,0738 *n*	1,3056	9,9925	— 0,04
36	9,8555	0,6254	0,6473 *n*	1,2938	0,0044	— 0,04

Tabula VIII.

1833.

	Log. A	Log. B	Log. C	Log. D	Log. r	E
Jan. 0	9,4714 n	0,6315	0,5089 n	1,2999	— ∞	— 0″,04
10	9,4182 n	0,6129	0,8066 n	1,2791	8,4362	— 0,04
20	9,3614 n	0,5874	0,9722 n	1,2426	8,7373	— 0,04
30	9,3025 n	0,5560	1,0812 n	1,1879	8,9134	— 0,04
Febr. 9	9,2422 n	0,5207	1,1569 n	1,1095	9,0383	— 0,04
19	9,1814 n	0,4843	1,2093 n	0,9972	9,1352	— 0,04
Mart. 1	9,1179 n	0,4503	1,2438 n	0,8269	9,2144	— 0,04
11	9,0552 n	0,4225	1,2632 n	0,5188	9,2813	— 0,05
21	8,9838 n	0,4043	1,2690 n	9,2759 n	9,3393	— 0,05
31	8,8974 n	0,3972	1,2619 n	0,5628 n	9,3905	— 0,05
Apr. 10	8,7813 n	0,4009	1,2415 n	0,8447 n	9,4362	— 0,05
20	8,6005 n	0,4132	1,2068 n	1,0048 n	9,4776	— 0,05
30	8,2199 n	0,4302	1,1556 n	1,1114 n	9,5154	— 0,05
Maj. 10	7,9836	0,4484	1,0834 n	1,1862 n	9,5502	— 0,05
20	8,5889	0,4642	0,9822 n	1,2391 n	9,5824	— 0,05
30	8,8489	0,4750	0,8338 n	1,2751 n	9,6123	— 0,05
Jun. 9	9,0188	0,4788	0,5866 n	1,2970 n	9,6404	— 0,05
19	9,1443	0,4741	9,9033 n	1,3061 n	9,6667	— 0,05
29	9,2423	0,4599	0,3575	1,3032 n	9,6915	— 0,05
Jul. 9	9,3207	0,4355	0,7237	1,2882 n	9,7150	— 0,05
19	9,3844	0,4006	0,9119	1,2600 n	9,7373	— 0,05
29	9,4364	0,3552	1,0340	1,2167 n	9,7585	— 0,04
Aug. 8	9,4788	0,2998	1,1196	1,1550 n	9,7787	— 0,04
18	9,5137	0,2363	1,1809	1,0681 n	9,7980	— 0,04
28	9,5425	0,1679	1,2240	0,9430 n	9,8164	— 0,05
Sept. 7	9,5668	0,1007	1,2519	0,7466 n	9,8342	— 0,05
17	9,5881	0,0434	1,2664	0,3453 n	9,8512	— 0,05
27	9,6076	0,0059	1,2683	0,0911	9,8676	— 0,05
Oct. 7	9,6266	9,9952	1,2572	0,6688	9,8834	— 0,05
17	9,6462	0,0108	1,2325	0,9019	9,8986	— 0,05
27	9,6671	0,0452	1,1920	1,0442	9,9134	— 0,05
Nov. 6	9,6896	0,0874	1,1323	1,1413	9,9276	— 0,05
16	9,7137	0,1276	1,0469	1,2098	9,9414	— 0,05
26	9,7390	0,1586	0,9225	1,2573	9,9547	— 0,05
Dec. 6	9,7650	0,1756	0,7261	1,2879	9,9677	— 0,05
16	9,7908	0,1750	0,3231	1,3037	9,9803	— 0,05
26	9,8156	0,1534	0,0737 n	1,3056	9,9925	— 0,05
36	9,8389	0,1071	0,6473 n	1,2938	0,0044	— 0,05

Tabula VIII.

1834.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,5097 n	0,1277	0,5088 n	1,2999	— ∞	—0″,05
10	9,4597 n	0,0631	0,8066 n	1,2791	8,4362	—0,05
20	9,4067 n	9,9619	0,9722 n	1,2426	8,7373	—0,05
30	9,3520 n	9,8065	1,0812 n	1,1879	8,9134	—0,05
Febr. 9	9,2964 n	9,5494	1,1569 n	1,1095	9,0383	—0,05
19	9,2406 n	8,9165	1,2093 n	0,9972	9,1352	—0,05
Mart. 1	9,1843 n	9,1819 n	1,2438 n	0,8269	9,2144	—0,05
11	9,1260 n	9,5203 n	1,2632 n	0,5188	9,2813	—0,05
21	9,0622 n	9,6483 n	1,2690 n	9,2758 n	9,3393	—0,05
31	8,9868 n	9,6903 n	1,2619 n	0,5628 n	9,3905	—0,05
Apr. 10	8,8890 n	9,6743 n	1,2415 n	0,8447 n	9,4362	—0,05
20	8,7469 n	9,6069 n	1,2068 n	1,0048 n	9,4776	—0,05
30	8,4990 n	9,4830 n	1,1556 n	1,1114 n	9,5154	—0,05
Maj. 10	7,6325 n	9,2843 n	1,0834 n	1,1862 n	9,5502	—0,05
20	8,4136	8,9599 n	0,9822 n	1,2391 n	9,5824	—0,05
30	8,7692	8,3111 n	0,8337 n	1,2751 n	9,6123	—0,05
Jun. 9	8,9713	7,5079	0,5866 n	1,2970 n	9,6404	—0,05
19	9,1128	8,4955 n	9,9032 n	1,3061 n	9,6667	—0,05
29	9,2200	9,1104 n	0,3575	1,3032 n	9,6915	—0,05
Jul. 9	9,3045	9,4591 n	0,7237	1,2882 n	9,7150	—0,05
19	9,3723	9,6988 n	0,9119	1,2600 n	9,7373	—0,05
29	9,4273	9,8755 n	1,0340	1,2167 n	9,7585	—0,05
Aug. 8	9,4722	0,0098 n	1,1196	1,1549 n	9,7787	—0,05
18	9,5089	0,1122 n	1,1809	1,0681 n	9,7980	—0,05
28	9,5394	0,1892 n	1,2240	0,9430 n	9,8164	—0,05
Sept. 7	9,5651	0,2448 n	1,2519	0,7466 n	9,8342	—0,05
17	9,5876	0,2817 n	1,2664	0,3453 n	9,8512	—0,05
27	9,6082	0,3019 n	1,2683	0,0911	9,8676	—0,05
Oct. 7	9,6283	0,3071 n	1,2572	0,6688	9,8834	—0,05
17	9,6488	0,2990 n	1,2325	0,9019	9,8986	—0,05
27	9,6705	0,2799 n	1,1920	1,0442	9,9134	—0,05
Nov. 6	9,6937	0,2530 n	1,1323	1,1413	9,9276	—0,05
16	9,7185	0,2228 n	1,0469	1,2098	9,9414	—0,05
26	9,7444	0,1956 n	0,9225	1,2573	9,9547	—0,05
Dec. 6	9,7708	0,1787 n	0,7261	1,2879	9,9677	—0,05
16	9,7969	0,1786 n	0,3231	1,3037	9,9803	—0,05
26	9,8221	0,1982 n	0,0736 n	1,3056	9,9925	—0,05
36	9,8457	0,2356 n	0,6473 n	1,2938	0,0044	—0,05

Tabula VIII.

1835.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,4953 *n*	0,2197 *n*	0,5088 *n*	1,2999	— ∞	— 0″,05
10	9,4420 *n*	0,2650 *n*	0,8066 *n*	1,2791	8,4362	— 0,04
20	9,3849 *n*	0,3176 *n*	0,9722 *n*	1,2426	8,7373	— 0,04
30	9,3249 *n*	0,3710 *n*	1,0812 *n*	1,1879	8,9134	— 0,04
Febr. 9	9,2632 *n*	0,4208 *n*	1,1569 *n*	1,1095	9,0383	— 0,04
19	9,1999 *n*	0,4624 *n*	1,2093 *n*	0,9972	9,1352	— 0,04
Mart. 1	9,1344 *n*	0,4955 *n*	1,2438 *n*	0,8269	9,2144	— 0,04
11	9,0647 *n*	0,5191 *n*	1,2632 *n*	0,5188	9,2813	— 0,05
21	8,9858 *n*	0,5332 *n*	1,2690 *n*	9,2757 *n*	9,3393	— 0,05
31	8,8887 *n*	0,5382 *n*	1,2619 *n*	0,5628 *n*	9,3905	— 0,05
Apr. 10	8,7544 *n*	0,5353 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,05
20	8,5342 *n*	0,5259 *n*	1,2068 *n*	1,0048 *n*	9,4776	— 0,05
30	7,9504 *n*	0,5119 *n*	1,1556 *n*	1,1114 *n*	9,5154	— 0,05
Maj. 10	8,2867	0,4959 *n*	1,0834 *n*	1,1862 *n*	9,5502	— 0,05
20	8,7037	0,4807 *n*	0,9822 *n*	1,2391 *n*	9,5824	— 0,05
30	8,9262	0,4695 *n*	0,8337 *n*	1,2751 *n*	9,6123	— 0,05
Jun. 9	9,0800	0,4650 *n*	0,5866 *n*	1,2970 *n*	9,6404	— 0,05
19	9,1966	0,4690 *n*	9,9031 *n*	1,3061 *n*	9,6667	— 0,05
29	9,2890	0,4821 *n*	0,3576	1,3032 *n*	9,6915	— 0,04
Jul. 9	9,3639	0,5032 *n*	0,7237	1,2882 *n*	9,7150	— 0,04
19	9,4252	0,5302 *n*	0,9119	1,2600 *n*	9,7373	— 0,04
29	9,4757	0,5603 *n*	1,0340	1,2167 *n*	9,7585	— 0,04
Aug. 8	9,5173	0,5907 *n*	1,1196	1,1549 *n*	9,7787	— 0,04
18	9,5517	0,6191 *n*	1,1809	1,0681 *n*	9,7980	— 0,04
28	9,5805	0,6437 *n*	1,2240	0,9430 *n*	9,8164	— 0,04
Sept. 7	9,6050	0,6632 *n*	1,2519	0,7466 *n*	9,8342	— 0,04
17	9,6265	0,6768 *n*	1,2664	0,3453 *n*	9,8512	— 0,04
27	9,6464	0,6842 *n*	1,2683	0,0912	9,8676	— 0,04
Oct. 7	9,6657	0,6855 *n*	1,2572	0,6688	9,8834	— 0,05
17	9,6854	0,6813 *n*	1,2325	0,9019	9,8986	— 0,05
27	9,7062	0,6725 *n*	1,1920	1,0442	9,9134	— 0,05
Nov. 6	9,7284	0,6608 *n*	1,1323	1,1413	9,9276	— 0,05
16	9,7520	0,6482 *n*	1,0469	1,2098	9,9414	— 0,05
26	9,7767	0,6371 *n*	0,9225	1,2573	9,9547	— 0,04
Dec. 6	9,8019	0,6300 *n*	0,7261	1,2879	9,9677	— 0,04
16	9,8269	0,6288 *n*	0,3232	1,3037	9,9803	— 0,04
26	9,8510	0,6347 *n*	0,0736 *n*	1,3056	9,9925	— 0,04
36	9,8736	0,6475 *n*	0,6478 *n*	1,2938	0,0044	— 0,04

Tabula VIII.

1836.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	9,4259 *n*	0,6420 *n*	0,5088 *n*	1,2999	— ∞	— 0″,04
11	9,3608 *n*	0,6585 *n*	0,8066 *n*	1,2791	8,4362	— 0,04
21	9,2889 *n*	0,6795 *n*	0,9722 *n*	1,2427	8,7373	— 0,04
31	9,2105 *n*	0,7024 *n*	1,0812 *n*	1,1879	8,9134	— 0,04
Febr. 10	9,1254 *n*	0,7251 *n*	1,1569 *n*	1,1095	9,0383	— 0,04
20	9,0323 *n*	0,7454 *n*	1,2093 *n*	0,9972	9,1352	— 0,04
Mart. 1	8,9277 *n*	0,7621 *n*	1,2438 *n*	0,8269	9,2144	— 0,04
11	8,8032 *n*	0,7740 *n*	1,2632 *n*	0,5188	9,2813	— 0,04
21	8,6376 *n*	0,7809 *n*	1,2690 *n*	9,2756 *n*	9,3393	— 0,04
31	8,3644 *n*	0,7828 *n*	1,2619 *n*	0,5628 *n*	9,3905	— 0,04
Apr. 10	7,2330 *n*	0,7802 *n*	1,2415 *n*	0,8447 *n*	9,4362	— 0,04
20	8,3379	0,7738 *n*	1,2068 *n*	1,0048 *n*	9,4776	— 0,04
30	8,6805	0,7649 *n*	1,1556 *n*	1,1114 *n*	9,5154	— 0,04
Maj. 10	8,8866	0,7549 *n*	1,0834 *n*	1,1862 *n*	9,5502	— 0,04
20	9,0377	0,7455 *n*	0,9822 *n*	1,2391 *n*	9,5824	— 0,04
30	9,1576	0,7383 *n*	0,8337 *n*	1,2751 *n*	9,6123	— 0,04
Jun. 9	9,2563	0,7346 *n*	0,5865 *n*	1,2970 *n*	9,6404	— 0,04
19	9,3390	0,7356 *n*	9,9030 *n*	1,3061 *n*	9,6667	— 0,04
29	9,4089	0,7416 *n*	0,3576	1,3032 *n*	9,6915	— 0,03
Jul. 9	9,4681	0,7521 *n*	0,7237	1,2882 *n*	9,7150	— 0,03
19	9,5181	0,7663 *n*	0,9119	1,2600 *n*	9,7373	— 0,03
29	9,5603	0,7829 *n*	1,0340	1,2167 *n*	9,7585	— 0,03
Aug. 8	9,5957	0,8003 *n*	1,1196	1,1549 *n*	9,7787	— 0,03
18	9,6255	0,8169 *n*	1,1810	1,0681 *n*	9,7980	— 0,03
28	9,6506	0,8316 *n*	1,2240	0,9430 *n*	9,8164	— 0,03
Sept. 7	9,6723	0,8433 *n*	1,2519	0,7466 *n*	9,8342	— 0,03
17	9,6915	0,8513 *n*	1,2664	0,3452 *n*	9,8512	— 0,03
27	9,7093	0,8553 *n*	1,2683	0,0912	9,8676	— 0,03
Oct. 7	9,7266	0,8551 *n*	1,2572	0,6688	9,8834	— 0,03
17	9,7444	0,8511 *n*	1,2325	0,9019	9,8986	— 0,03
27	9,7632	0,8441 *n*	1,1920	1,0442	9,9134	— 0,04
Nov. 6	9,7833	0,8352 *n*	1,1323	1,1413	9,9276	— 0,04
16	9,8046	0,8256 *n*	1,0469	1,2098	9,9414	— 0,03
26	9,8271	0,8170 *n*	0,9225	1,2573	9,9547	— 0,03
Dec. 6	9,8500	0,8111 *n*	0,7261	1,2879	9,9677	— 0,03
16	9,8729	0,8091 *n*	0,3232	1,3037	9,9803	— 0,03
26	9,8950	0,8117 *n*	0,0735 *n*	1,3056	9,9925	— 0,03
36	9,9159	0,8191 *n*	0,6472 *n*	1,2938	0,0044	— 0,03

Tabula VIII.

1837.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,2799 n	0,8158 n	0,5088 n	1,2999	— ∞	—0″,03
10	9,1837 n	0,8257 n	0,8066 n	1,2791	8,4362	—0,03
20	9,0681 n	0,8388 n	0,9722 n	1,2427	8,7373	—0,03
30	8,9250 n	0,8537 n	1,0812 n	1,1879	8,9134	—0,02
Febr. 9	8,7366 n	0,8687 n	1,1569 n	1,1095	9,0383	—0,02
19	8,4484 n	0,8823 n	1,2093 n	0,9972	9,1352	—0,02
Mart. 1	7,6405 n	0,8934 n	1,2438 n	0,8269	9,2144	—0,02
11	8,2403	0,9012 n	1,2632 n	0,5188	9,2813	—0,03
21	8,5821	0,9053 n	1,2690 n	9,2754 n	9,3393	—0,03
31	8,7718	0,9056 n	1,2619 n	0,5628 n	9,3905	—0,03
Apr. 10	8,9096	0,9025 n	1,2415 n	0,8447 n	9,4362	—0,03
20	9,0225	0,8966 n	1,2068 n	1,0048 n	9,4776	—0,03
30	9,1210	0,8887 n	1,1556 n	1,1114 n	9,5154	—0,03
Maj. 10	9,2091	0,8800 n	1,0834 n	1,1862 n	9,5502	—0,03
20	9,2889	0,8717 n	0,9822 n	1,2391 n	9,5824	—0,03
30	9,3613	0,8651 n	0,8337 n	1,2751 n	9,6123	—0,03
Jun. 9	9,4266	0,8611 n	0,5865 n	1,2970 n	9,6404	—0,02
19	9,4850	0,8605 n	9,9029 n	1,3061 n	9,6667	—0,02
29	9,5368	0,8637 n	0,3576	1,3032 n	9,6915	—0,02
Jul. 9	9,5823	0,8704 n	0,7237	1,2882 n	9,7150	—0,02
19	9,6219	0,8801 n	0,9119	1,2600 n	9,7373	—0,02
29	9,6560	0,8916 n	1,0340	1,2167 n	9,7585	—0,02
Aug. 8	9,6851	0,9040 n	1,1196	1,1549 n	9,7787	—0,02
18	9,7099	0,9160 n	1,1810	1,0681 n	9,7980	—0,02
28	9,7312	0,9266 n	1,2240	0,9430 n	9,8164	—0,02
Sept. 7	9,7497	0,9349 n	1,2519	0,7466 n	9,8342	—0,02
17	9,7662	0,9403 n	1,2664	0,3452 n	9,8512	—0,02
27	9,7816	0,9424 n	1,2683	0,0912	9,8676	—0,02
Oct. 7	9,7967	0,9411 n	1,2572	0,6688	9,8834	—0,02
17	9,8122	0,9367 n	1,2325	0,9019	9,8986	—0,02
27	9,8287	0,9298 n	1,1920	1,0442	9,9134	—0,02
Nov. 6	9,8463	0,9212 n	1,1323	1,1413	9,9276	—0,02
16	9,8651	0,9121 n	1,0469	1,2098	9,9414	—0,02
26	9,8850	0,9038 n	0,9226	1,2573	9,9547	—0,02
Dec. 6	9,9054	0,8977 n	0,7261	1,2879	9,9677	—0,02
16	9,9258	0,8947 n	0,3232	1,3037	9,9803	—0,02
26	9,9457	0,8956 n	0,0734 n	1,3056	9,9925	—0,01
36	9,9645	0,9003 n	0,6472 n	1,2938	0,0044	—0,01

Tabula VIII.

1838.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,9688 n	0,8981 n	0,5087 n	1,2999	— ∞	— 0,01″
10	8,7389 n	0,9051 n	0,8065 n	1,2791	8,4362	— 0,01
20	8,2714 n	0,9148 n	0,9722 n	1,2427	8,7373	— 0,01
30	8,1635	0,9260 n	1,0812 n	1,1879	8,9134	— 0,01
Febr. 9	8,6493	0,9375 n	1,1568 n	1,1095	9,0383	— 0,01
19	8,8541	0,9479 n	1,2093 n	0,9972	9,1352	— 0,01
Mart. 1	8,9803	0,9563 n	1,2438 n	0,8269	9,2144	— 0,01
11	9,0709	0,9619 n	1,2632 n	0,5188	9,2813	— 0,01
21	9,1428	0,9643 n	1,2690 n	9,2753 n	9,3393	— 0,01
31	9,2047	0,9681 n	1,2619 n	0,5628 n	9,3905	— 0,01
Apr. 10	9,2616	0,9595 n	1,2415 n	0,8447 n	9,4362	— 0,01
20	9,3162	0,9531 n	1,2068 n	1,0048 n	9,4776	— 0,01
30	9,3697	0,9450 n	1,1556 n	1,1114 n	9,5154	— 0,01
Maj. 10	9,4222	0,9361 n	1,0834 n	1,1862 n	9,5502	— 0,01
20	9,4733	0,9276 n	0,9822 n	1,2391 n	9,5824	— 0,01
30	9,5224	0,9204 n	0,8337 n	1,2751 n	9,6123	— 0,01
Jun. 9	9,5689	0,9156 n	0,5865 n	1,2970 n	9,6404	— 0,01
19	9,6121	0,9137 n	9,9028 n	1,3061 n	9,6667	— 0,01
29	9,6516	0,9152 n	0,3577	1,3032 n	9,6915	— 0,01
Jul. 9	9,6872	0,9198 n	0,7237	1,2882 n	9,7150	— 0,01
19	9,7188	0,9271 n	0,9119	1,2600 n	9,7373	0,00
29	9,7465	0,9362 n	1,0340	1,2167 n	9,7585	0,00
Aug. 8	9,7705	0,9462 n	1,1196	1,1549 n	9,7787	0,00
18	9,7912	0,9558 n	1,1810	1,0681 n	9,7980	0,00
28	9,8091	0,9643 n	1,2240	0,9430 n	9,8164	0,00
Sept. 7	9,8247	0,9707 n	1,2519	0,7466 n	9,8342	0,00
17	9,8388	0,9744 n	1,2664	0,3452 n	9,8512	0,00
27	9,8520	0,9752 n	1,2683	0,0912	9,8676	0,00
Oct. 7	9,8650	0,9727 n	1,2572	0,6688	9,8834	0,00
17	9,8784	0,9674 n	1,2325	0,9019	9,8986	— 0,01
27	9,8927	0,9598 n	1,1920	1,0442	9,9134	— 0,01
Nov. 6	9,9080	0,9505 n	1,1323	1,1413	9,9276	— 0,01
16	9,9245	0,9407 n	1,0469	1,2098	9,9414	0,00
26	9,9419	0,9316 n	0,9226	1,2573	9,9547	0,00
Dec. 6	9,9600	0,9245 n	0,7262	1,2879	9,9677	0,00
16	9,9781	0,9203 n	0,3233	1,3037	9,9803	0,00
26	9,9959	0,9198 n	0,0734 n	1,3056	9,9925	0,00
36	0,0127	0,9229 n	0,6472 n	1,2938	0,0044	0,00

Tabula VIII.

1839.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	8,1793	0,9213 n	0,5087 n	1,2999	— ∞	0,00″
10	8,7282	0,9266 n	0,8065 n	1,2791	8,4362	0,00
20	8,9530	0,9344 n	0,9722 n	1,2427	8,7373	+ 0,01
30	9,0904	0,9439 n	1,0812 n	1,1879	8,9134	+ 0,01
Febr. 9	9,1854	0,9536 n	1,1568 n	1,1095	9,0383	+ 0,01
19	9,2558	0,9625 n	1,2093 n	0,9972	9,1352	+ 0,01
Mart. 1	9,3105	0,9693 n	1,2438 n	0,8269	9,2144	+ 0,01
11	9,3554	0,9735 n	1,2632 n	0,5188	9,2813	+ 0,01
21	9,3943	0,9746 n	1,2690 n	9,2752 n	9,3393	0,00
31	9,4302	0,9725 n	1,2619 n	0,5628 n	9,3905	0,00
Apr. 10	9,4651	0,9675 n	1,2415 n	0,8447 n	9,4362	0,00
20	9,5001	0,9599 n	1,2068 n	1,0048 n	9,4776	0,00
30	9,5359	0,9506 n	1,1556 n	1,1114 n	9,5154	0,00
Maj. 10	9,5724	0,9405 n	1,0832 n	1,1862 n	9,5502	0,00
20	9,6092	0,9307 n	0,9822 n	1,2391 n	9,5824	0,00
30	9,6457	0,9222 n	0,8337 n	1,2751 n	9,6123	+ 0,01
Jun. 9	9,6811	0,9160 n	0,5865 n	1,2970 n	9,6404	+ 0,01
19	9,7148	0,9127 n	9,9027 n	1,3061 n	9,6667	+ 0,01
29	9,7463	0,9128 n	0,3577	1,3032 n	9,6915	+ 0,01
Jul. 9	9,7752	0,9160 n	0,7238	1,2882 n	9,7150	+ 0,01
19	9,8011	0,9220 n	0,9119	1,2600 n	9,7373	+ 0,01
29	9,8241	0,9299 n	1,0340	1,2167 n	9,7585	+ 0,01
Aug. 8	9,8443	0,9386 n	1,1196	1,1549 n	9,7787	+ 0,01
18	9,8618	0,9471 n	1,1810	1,0681 n	9,7980	+ 0,01
28	9,8770	0,9545 n	1,2240	0,9430 n	9,8164	+ 0,01
Sept. 7	9,8904	0,9598 n	1,2519	0,7466 n	9,8342	+ 0,01
17	9,9024	0,9623 n	1,2665	0,3452 n	9,8512	+ 0,01
27	9,9138	0,9618 n	1,2683	0,0912	9,8676	+ 0,01
Oct. 7	9,9251	0,9581 n	1,2572	0,6688	9,8834	+ 0,01
17	9,9367	0,9513 n	1,2325	0,9019	9,8986	+ 0,01
27	9,9492	0,9420 n	1,1920	1,0442	9,9134	+ 0,01
Nov. 6	9,9626	0,9310 n	1,1323	1,1413	9,9276	+ 0,01
16	9,9771	0,9194 n	1,0469	1,2098	9,9414	+ 0,01
26	9,9926	0,9084 n	0,9226	1,2573	9,9547	+ 0,01
Dec. 6	0,0086	0,8994 n	0,7262	1,2879	9,9677	+ 0,01
16	0,0248	0,8936 n	0,3233	1,3037	9,9803	+ 0,01
26	0,0407	0,8915 n	0,0733 n	1,3056	9,9925	+ 0,02
36	0,0558	0,8934 n	0,6472 n	1,2938	0,0044	+ 0,02

Tabula VIII.

1840.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 1	9,0886	0,8922 *n*	0,5087 *n*	1,2999	— ∞	+ 0″,02
11	9,2064	0,8964 *n*	0,8065 *n*	1,2791	8,4362	+ 0,02
21	9,2943	0,9034 *n*	0,9722 *n*	1,2427	8,7373	+ 0,02
31	9,3619	0,9122 *n*	1,0812 *n*	1,1879	8,9134	+ 0,02
Febr. 10	9,4150	0,9213 *n*	1,1568 *n*	1,1095	9,0383	+ 0,02
20	9,4575	0,9295 *n*	1,2093 *n*	0,9972	9,1352	+ 0,02
Mart. 1	9,4924	0,9356 *n*	1,2438 *n*	0,8269	9,2144	+ 0,02
11	9,5221	0,9388 *n*	1,2632 *n*	0,5189	9,2813	+ 0,02
21	9,5488	0,9387 *n*	1,2690 *n*	9,2751 *n*	9,3393	+ 0,02
31	9,5739	0,9351 *n*	1,2619 *n*	0,5628 *n*	9,3905	+ 0,02
Apr. 10	9,5990	0,9282 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,02
20	9,6247	0,9186 *n*	1,2068 *n*	1,0048 *n*	9,4776	+ 0,02
30	9,6516	0,9070 *n*	1,1556 *n*	1,1114 *n*	9,5154	+ 0,02
Maj. 10	9,6796	0,8944 *n*	1,0834 *n*	1,1862 *n*	9,5502	+ 0,02
20	9,7083	0,8820 *n*	0,9822 *n*	1,2391 *n*	9,5824	+ 0,02
30	9,7374	0,8710 *n*	0,8337 *n*	1,2751 *n*	9,6123	+ 0,02
Jun. 9	9,7661	0,8625 *n*	0,5865 *n*	1,2970 *n*	9,6404	+ 0,02
19	9,7938	0,8573 *n*	9,9026 *n*	1,3061 *n*	9,6667	+ 0,02
29	9,8200	0,8558 *n*	0,3577	1,3032 *n*	9,6915	+ 0,02
Jul. 9	9,8442	0,8580 *n*	0,7238	1,2882 *n*	9,7150	+ 0,03
19	9,8663	0,8633 *n*	0,9119	1,2600 *n*	9,7373	+ 0,03
29	9,8860	0,8709 *n*	1,0340	1,2167 *n*	9,7585	+ 0,03
Aug. 8	9,9033	0,8794 *n*	1,1196	1,1549 *n*	9,7787	+ 0,03
18	9,9184	0,8878 *n*	1,1810	1,0681 *n*	9,7980	+ 0,03
28	9,9316	0,8948 *n*	1,2240	0,9430 *n*	9,8164	+ 0,03
Sept. 7	9,9432	0,8995 *n*	1,2519	0,7466 *n*	9,8342	+ 0,03
17	9,9537	0,9011 *n*	1,2665	0,3452 *n*	9,8512	+ 0,03
27	9,9637	0,8992 *n*	1,2683	0,0912	9,8676	+ 0,03
Oct. 7	9,9736	0,8935 *n*	1,2572	0,6688	9,8834	+ 0,03
17	9,9838	0,8843 *n*	1,2325	0,9019	9,8986	+ 0,03
27	9,9948	0,8720 *n*	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0067	0,8576 *n*	1,1323	1,1413	9,9276	+ 0,03
16	0,0197	0,8423 *n*	1,0469	1,2098	9,9414	+ 0,03
26	0,0335	0,8276 *n*	0,9226	1,2573	9,9547	+ 0,03
Dec. 6	0,0479	0,8152 *n*	0,7262	1,2879	9,9677	+ 0,03
16	0,0626	0,8064 *n*	0,3234	1,3037	9,9803	+ 0,03
26	0,0770	0,8023 *n*	0,0732 *n*	1,3056	9,9925	+ 0,03
36	0,0908	0,8030 *n*	0,6472 *n*	1,2938	0,0044	+ 0,03

Tabula VIII.

1841.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	9,3389	0,8022 *n*	0,5087 *n*	1,2999	— ∞	+ 0,″03
10	9,4081	0,8057 *n*	0,8065 *n*	1,2791	8,4362	+ 0,03
20	9,4647	0,8128 *n*	0,9722 *n*	1,2427	8,7373	+ 0,03
30	9,5108	0,8220 *n*	1,0812 *n*	1,1879	8,9134	+ 0,03
Febr. 9	9,5486	0,8318 *n*	1,1568 *n*	1,1095	9,0383	+ 0,04
19	9,5797	0,8403 *n*	1,2093 *n*	0,9972	9,1352	+ 0,04
Mart. 1	9,6057	0,8464 *n*	1,2438 *n*	0,8269	9,2144	+ 0,03
11	9,6282	0,8489 *n*	1,2632 *n*	0,5189	9,2813	+ 0,03
21	9,6487	0,8474 *n*	1,2690 *n*	9,2750 *n*	9,3393	+ 0,03
31	9,6683	0,8416 *n*	1,2619 *n*	0,5628 *n*	9,3905	+ 0,03
Apr. 10	9,6881	0,8316 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,03
20	9,7087	0,8181 *n*	1,2068 *n*	1,0048 *n*	9,4776	+ 0,03
30	9,7305	0,8019 *n*	1,1556 *n*	1,1114 *n*	9,5154	+ 0,03
Maj. 10	9,7535	0,7843 *n*	1,0834 *n*	1,1862 *n*	9,5502	+ 0,03
20	9,7775	0,7666 *n*	0,9822 *n*	1,2391 *n*	9,5824	+ 0,03
30	9,8020	0,7505 *n*	0,8337 *n*	1,2751 *n*	9,6123	+ 0,03
Jun. 9	9,8264	0,7375 *n*	0,5865 *n*	1,2970 *n*	9,6404	+ 0,03
19	9,8503	0,7288 *n*	9,9025 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8730	0,7251 *n*	0,3578	1,3032 *n*	9,6915	+ 0,04
Jul. 9	9,8942	0,7264 *n*	0,7238	1,2882 *n*	9,7150	+ 0,04
19	9,9136	0,7319 *n*	0,9119	1,2599 *n*	9,7373	+ 0,04
29	9,9309	0,7404 *n*	1,0340	1,2167 *n*	9,7585	+ 0,04
Aug. 8	9,9463	0,7503 *n*	1,1196	1,1549 *n*	9,7787	+ 0,04
18	9,9597	0,7600 *n*	1,1810	1,0681 *n*	9,7980	+ 0,04
28	9,9714	0,7679 *n*	1,2240	0,9430 *n*	9,8164	+ 0,04
Sept. 7	9,9817	0,7727 *n*	1,2519	0,7466 *n*	9,8342	+ 0,04
17	9,9911	0,7734 *n*	1,2665	0,3452 *n*	9,8512	+ 0,04
27	9,9999	0,7693 *n*	1,2683	0,0912	9,8676	+ 0,04
Oct. 7	0,0087	0,7601 *n*	1,2572	0,6688	9,8834	+ 0,04
17	0,0179	0,7460 *n*	1,2325	0,9019	9,8986	+ 0,04
27	0,0278	0,7274 *n*	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0386	0,7055 *n*	1,1323	1,1413	9,9276	+ 0,04
16	0,0504	0,6819 *n*	1,0470	1,2098	9,9414	+ 0,04
26	0,0630	0,6588 *n*	0,9226	1,2573	9,9547	+ 0,04
Dec. 6	0,0762	0,6385 *n*	0,7262	1,2879	9,9677	+ 0,04
16	0,0897	0,6233 *n*	0,3234	1,3037	9,9803	+ 0,04
26	0,1030	0,6150 *n*	0,0732 *n*	1,3056	9,9925	+ 0,04
36	0,1158	0,6142 *n*	0,6472 *n*	1,2938	0,0044	+ 0,04

Tabula VIII.

1842.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,4646	0,6137 *n*	0,5086 *n*	1,2999	— ∞	+ 0″,04
10	9,5165	0,6171 *n*	0,8065 *n*	1,2791	8,4362	+ 0,04
20	9,5603	0,6262 *n*	0,9722 *n*	1,2427	8,7373	+ 0,05
30	9,5969	0,6386 *n*	1,0812 *n*	1,1879	8,9134	+ 0,05
Febr. 9	9,6273	0,6516 *n*	1,1568 *n*	1,1095	9,0383	+ 0,05
19	9,6526	0,6629 *n*	1,2093 *n*	0,9972	9,1352	+ 0,05
Mart. 1	9,6740	0,6704 *n*	1,2438 *n*	0,8269	9,2144	+ 0,05
11	9,6927	0,6726 *n*	1,2632 *n*	0,5189	9,2813	+ 0,04
21	9,7097	0,6688 *n*	1,2690 *n*	9,2748 *n*	9,3393	+ 0,04
31	9,7261	0,6583 *n*	1,2619 *n*	0,5628 *n*	9,3905	+ 0,04
Apr. 10	9,7429	0,6415 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,04
20	9,7605	0,6186 *n*	1,2068 *n*	1,0048 *n*	9,4776	+ 0,04
30	9,7793	0,5909 *n*	1,1556 *n*	1,1114 *n*	9,5154	+ 0,04
Maj. 10	9,7994	0,5599 *n*	1,0834 *n*	1,1862 *n*	9,5502	+ 0,04
20	9,8205	0,5279 *n*	0,9821 *n*	1,2391 *n*	9,5824	+ 0,04
30	9,8422	0,4974 *n*	0,8337 *n*	1,2751 *n*	9,6123	+ 0,04
Jun. 9	9,8641	0,4716 *n*	0,5864 *n*	1,2970 *n*	9,6404	+ 0,04
19	9,8855	0,4532 *n*	9,9024 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,9061	0,4438 *n*	0,3578	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9253	0,4438 *n*	0,7238	1,2882 *n*	9,7150	+ 0,05
19	9,9429	0,4521 *n*	0,9119	1,2599 *n*	9,7373	+ 0,05
29	9,9588	0,4661 *n*	1,0340	1,2167 *n*	9,7585	+ 0,05
Aug. 8	9,9728	0,4825 *n*	1,1196	1,1549 *n*	9,7787	+ 0,05
18	9,9850	0,4984 *n*	1,1810	1,0681 *n*	9,7980	+ 0,05
28	9,9957	0,5109 *n*	1,2240	0,9429 *n*	9,8164	+ 0,05
Sept. 7	0,0051	0,5177 *n*	1,2519	0,7466 *n*	9,8342	+ 0,05
17	0,0136	0,5172 *n*	1,2665	0,3452 *n*	9,8512	+ 0,05
27	0,0216	0,5081 *n*	1,2683	0,0912	9,8676	+ 0,05
Oct. 7	0,0297	0,4894 *n*	1,2572	0,6688	9,8834	+ 0,04
17	0,0380	0,4607 *n*	1,2325	0,9019	9,8986	+ 0,04
27	0,0471	0,4222 *n*	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0571	0,3745 *n*	1,1323	1,1413	9,9276	+ 0,04
16	0,0681	0,3198 *n*	1,0470	1,2098	9,9414	+ 0,04
26	0,0799	0,2617 *n*	0,9226	1,2573	9,9547	+ 0,04
Dec. 6	0,0923	0,2060 *n*	0,7262	1,2879	9,9677	+ 0,05
16	0,1050	0,1604 *n*	0,3234	1,3037	9,9803	+ 0,05
26	0,1175	0,1324 *n*	0,0731 *n*	1,3056	9,9925	+ 0,05
36	0,1296	0,1262 *n*	0,6471 *n*	1,2938	0,0044	+ 0,05

Tabula VIII.

1843.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,5237	0,1260 *n*	0,5086 *n*	1,2999	— ∞	+ 0″,05
10	9,5683	0,1331 *n*	0,8065 *n*	1,2791	8,4362	+ 0,05
20	9,6063	0,1570 *n*	0,9722 *n*	1,2427	8,7373	+ 0,05
30	9,6384	0,1896 *n*	1,0812 *n*	1,1879	8,9134	+ 0,05
Febr. 9	9,6653	0,2227 *n*	1,1568 *n*	1,1095	9,0383	+ 0,05
19	9,6877	0,2499 *n*	1,2093 *n*	0,9972	9,1352	+ 0,05
Mart. 1	9,7067	0,2668 *n*	1,2438 *n*	0,8269	9,2144	+ 0,05
11	9,7232	0,2703 *n*	1,2632 *n*	0,5189	9,2813	+ 0,05
21	9,7384	0,2583 *n*	1,2690 *n*	9,2747 *n*	9,3393	+ 0,05
31	9,7530	0,2287 *n*	1,2619 *n*	0,5628 *n*	9,3905	+ 0,05
Apr. 10	9,7681	0,1792 *n*	1,2415 *n*	0,8447 *n*	9,4362	+ 0,05
20	9,7840	0,1066 *n*	1,2068 *n*	1,0048 *n*	9,4776	+ 0,04
30	9,8012	0,0057 *n*	1,1556 *n*	1,1114 *n*	9,5154	+ 0,04
Maj. 10	9,8197	9,8672 *n*	1,0834 *n*	1,1862 *n*	9,5502	+ 0,04
20	9,8392	9,6725 *n*	0,9821 *n*	1,2391 *n*	9,5824	+ 0,04
30	9,8595	9,3946 *n*	0,8337 *n*	1,2751 *n*	9,6123	+ 0,05
Jun. 9	9,8799	8,6646 *n*	0,5864 *n*	1,2970 *n*	9,6404	+ 0,05
19	9,9001	8,9252	9,9023 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9194	9,1804	0,3578	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9376	9,1970	0,7238	1,2882 *n*	9,7150	+ 0,05
19	9,9543	9,0426	0,9119	1,2599 *n*	9,7373	+ 0,05
29	9,9693	8,3809	1,0340	1,2167 *n*	9,7585	+ 0,05
Aug. 8	9,9825	8,9199 *n*	1,1196	1,1549 *n*	9,7787	+ 0,05
18	9,9940	9,2801 *n*	1,1810	1,0681 *n*	9,7980	+ 0,05
28	0,0041	9,4436 *n*	1,2240	0,9429 *n*	9,8164	+ 0,05
Sept. 7	0,0128	9,5103 *n*	1,2519	0,7466 *n*	9,8342	+ 0,05
17	0,0208	9,4986 *n*	1,2665	0,3451 *n*	9,8512	+ 0,05
27	0,0283	9,3838 *n*	1,2683	0,0913	9,8676	+ 0,05
Oct. 7	0,0358	9,0087 *n*	1,2572	0,6688	9,8834	+ 0,05
17	0,0436	8,9962	1,2325	0,9019	9,8986	+ 0,05
27	0,0522	9,5421	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0617	9,7969	1,1324	1,1413	9,9276	+ 0,04
16	0,0722	9,9591	1,0470	1,2098	9,9414	+ 0,04
26	0,0835	0,0699	0,9226	1,2573	9,9547	+ 0,04
Dec. 6	0,0955	0,1453	0,7262	1,2879	9,9677	+ 0,05
16	0,1077	0,1932	0,3235	1,3037	9,9803	+ 0,05
26	0,1199	0,2183	0,0730 *n*	1,3057	9,9925	+ 0,05
36	0,1315	0,2238	0,6471 *n*	1,2938	0,0044	+ 0,05

Tabula VIII.

1844.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 1	9,5319	0,2238	0,5086 *n*	1,2999	$-\infty$	+ 0″,05
11	9,5745	0,2185	0,8065 *n*	1,2791	8,4362	+ 0,05
21	9,6109	0,1982	0,9722 *n*	1,2427	8,7373	+ 0,05
31	9,6417	0,1667	1,0812 *n*	1,1879	8,9134	+ 0,05
Febr. 10	9,6674	0,1292	1,1568 *n*	1,1095	9,0383	+ 0,05
20	9,6888	0,0933	1,2093 *n*	0,9972	9,1352	+ 0,05
Mart. 1	9,7068	0,0680	1,2438 *n*	0,8269	9,2144	+ 0,05
11	9,7225	0,0625	1,2632 *n*	0,5189	9,2813	+ 0,05
21	9,7369	0,0813	1,2690 *n*	9,2746 *n*	9,3393	+ 0,05
31	9,7508	0,1222	1,2619 *n*	0,5628 *n*	9,3905	+ 0,05
Apr. 10	9,7651	0,1781	1,2415 *n*	0,8447 *n*	9,4362	+ 0,04
20	9,7805	0,2402	1,2068 *n*	1,0048 *n*	9,4776	+ 0,04
30	9,7971	0,3017	1,1556 *n*	1,1114 *n*	9,5154	+ 0,04
Maj. 10	9,8150	0,3576	1,0834 *n*	1,1862 *n*	9,5502	+ 0,04
20	9,8341	0,4053	0,9821 *n*	1,2392 *n*	9,5824	+ 0,04
30	9,8539	0,4435	0,8337 *n*	1,2751 *n*	9,6123	+ 0,04
Jun. 9	9,8740	0,4718	0,5864 *n*	1,2970 *n*	9,6404	+ 0,04
19	9,8939	0,4902	9,9022 *n*	1,3061 *n*	9,6667	+ 0,05
29	9,9130	0,4992	0,3579	1,3032 *n*	9,6915	+ 0,05
Jul. 9	9,9309	0,4996	0,7238	1,2882 *n*	9,7150	+ 0,05
19	9,9473	0,4927	0,9120	1,2599 *n*	9,7373	+ 0,05
29	9,9621	0,4800	1,0340	1,2167 *n*	9,7585	+ 0,05
Aug. 8	9,9750	0,4637	1,1197	1,1549 *n*	9,7787	+ 0,05
18	9,9863	0,4468	1,1810	1,0681 *n*	9,7980	+ 0,05
28	9,9960	0,4325	1,2240	0,9429 *n*	9,8164	+ 0,05
Sept. 7	0,0046	0,4242	1,2519	0,7466 *n*	9,8342	+ 0,05
17	0,0122	0,4249	1,2665	0,3451 *n*	9,8512	+ 0,05
27	0,0194	0,4359	1,2683	0,0913	9,8676	+ 0,04
Oct. 7	0,0266	0,4569	1,2572	0,6688	9,8834	+ 0,04
17	0,0343	0,4856	1,2325	0,9019	9,8986	+ 0,04
27	0,0426	0,5189	1,1920	1,0442	9,9134	+ 0,04
Nov. 6	0,0520	0,5533	1,1324	1,1413	9,9276	+ 0,04
16	0,0623	0,5857	1,0470	1,2098	9,9414	+ 0,04
26	0,0735	0,6139	0,9226	1,2573	9,9547	+ 0,04
Dec. 6	0,0853	0,6362	0,7262	1,2879	9,9677	+ 0,04
16	0,0975	0,6515	0,3235	1,3037	9,9803	+ 0,04
26	0,1096	0,6597	0,0730 *n*	1,3057	9,9925	+ 0,04
36	0,1212	0,6610	0,6471 *n*	1,2938	0,0044	+ 0,04

Tabula VIII.

1845.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,4399	0,6613	0,5086 *n*	1,2999	$-\infty$	+ 0,04″
10	9,5353	0,6587	0,8065 *n*	1,2791	8,4362	+ 0,04
20	9,5739	0,6507	0,9721 *n*	1,2427	8,7373	+ 0,04
30	9,6062	0,6390	1,0312 *n*	1,1879	8,9134	+ 0,04
Febr. 9	9,6330	0,6259	1,1568 *n*	1,1095	9,0383	+ 0,04
19	9,6552	0,6138	1,2093 *n*	0,9972	9,1352	+ 0,04
Mart. 1	9,6737	0,6054	1,2433 *n*	0,8270	9,2144	+ 0,04
11	9,6897	0,6028	1,2632 *n*	0,5189	9,2813	+ 0,04
21	9,7043	0,6073	1,2690 *n*	9,2745 *n*	9,3393	+ 0,04
31	9,7185	0,6189	1,2619 *n*	0,5628 *n*	9,3905	+ 0,04
Apr. 10	9,7331	0,6365	1,2415 *n*	0,8447 *n*	9,4362	+ 0,04
20	9,7488	0,6582	1,2068 *n*	1,0048 *n*	9,4776	+ 0,04
30	9,7659	0,6818	1,1556 *n*	1,1114 *n*	9,5154	+ 0,04
Maj. 10	9,7845	0,7051	1,0834 *n*	1,1862 *n*	9,5502	+ 0,04
20	9,8043	0,7263	0,9821 *n*	1,2392 *n*	9,5824	+ 0,04
30	9,8249	0,7441	0,8337 *n*	1,2751 *n*	9,6123	+ 0,04
Jun. 9	9,8457	0,7576	0,5864 *n*	1,2970 *n*	9,6404	+ 0,04
19	9,8663	0,7663	9,9021 *n*	1,3061 *n*	9,6667	+ 0,04
29	9,8861	0,7702	0,3579	1,3032 *n*	9,6915	+ 0,04
Jul. 9	9,9046	0,7696	0,7238	1,2882 *n*	9,7150	+ 0,04
19	9,9215	0,7649	0,9120	1,2599 *n*	9,7373	+ 0,04
29	9,9367	0,7573	1,0340	1,2167 *n*	9,7585	+ 0,04
Aug. 8	9,9499	0,7478	1,1197	1,1549 *n*	9,7787	+ 0,04
18	9,9614	0,7380	1,1810	1,0681 *n*	9,7980	+ 0,04
28	9,9713	0,7297	1,2240	0,9429 *n*	9,8164	+ 0,04
Sept. 7	9,9799	0,7244	1,2519	0,7466 *n*	9,8342	+ 0,04
17	9,9876	0,7236	1,2665	0,3451 *n*	9,8512	+ 0,04
27	9,9948	0,7281	1,2683	0,0913	9,8676	+ 0,04
Oct. 7	0,0020	0,7379	1,2572	0,6688	9,8834	+ 0,03
17	0,0097	0,7519	1,2325	0,9019	9,8986	+ 0,03
27	0,0182	0,7692	1,1920	1,0442	9,9134	+ 0,03
Nov. 6	0,0277	0,7878	1,1324	1,1413	9,9276	+ 0,03
16	0,0382	0,8060	1,0470	1,2098	9,9414	+ 0,03
26	0,0497	0,8222	0,9226	1,2573	9,9547	+ 0,03
Dec. 6	0,0619	0,8351	0,7262	1,2879	9,9677	+ 0,03
16	0,0744	0,8439	0,3235	1,3037	9,9803	+ 0,03
26	0,0868	0,8482	0,0729 *n*	1,3057	9,9925	+ 0,03
36	0,0988	0,8480	0,6471 *n*	1,2938	0,0044	+ 0,04

Tabula VIII.

1846.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 0	9,3850	0,8486	0,5085 *n*	1,2999	— ∞	+ 0,04″
10	9,4406	0,8458	0,8065 *n*	1,2791	8,4362	+ 0,04
20	9,4869	0,8396	0,9721 *n*	1,2427	8,7373	+ 0,04
30	9,5250	0,8310	1,0812 *n*	1,1879	8,9134	+ 0,04
Febr. 9	9,5560	0,8215	1,1568 *n*	1,1095	9,0383	+ 0,04
19	9,5814	0,8127	1,2093 *n*	0,9972	9,1352	+ 0,03
Mart. 1	9,6024	0,8062	1,2438 *n*	0,8270	9,2144	+ 0,03
11	9,6203	0,8034	1,2632 *n*	0,5189	9,2813	+ 0,03
21	9,6366	0,8050	1,2690 *n*	9,2743 *n*	9,3393	+ 0,03
31	9,6523	0,8111	1,2619 *n*	0,5628 *n*	9,3905	+ 0,03
Apr. 10	9,6685	0,8213	1,2415 *n*	0,8447 *n*	9,4362	+ 0,03
20	9,6860	0,8344	1,2068 *n*	1,0048 *n*	9,4776	+ 0,03
30	9,7050	0,8491	1,1556 *n*	1,1114 *n*	9,5154	+ 0,03
Maj. 10	9,7256	0,8640	1,0834 *n*	1,1862 *n*	9,5502	+ 0,03
20	9,7476	0,8777	0,9821 *n*	1,2392 *n*	9,5824	+ 0,02
30	9,7704	0,8892	0,8336 *n*	1,2751 *n*	9,6123	+ 0,03
Jun. 9	9,7934	0,8979	0,5864 *n*	1,2970 *n*	9,6404	+ 0,03
19	9,8161	0,9031	9,9020 *n*	1,3061 *n*	9,6667	+ 0,03
29	9,8377	0,9049	0,3579	1,3032 *n*	9,6915	+ 0,03
Jul. 9	9,8579	0,9033	0,7239	1,2882 *n*	9,7150	+ 0,03
19	9,8763	0,8988	0,9120	1,2599 *n*	9,7373	+ 0,03
29	9,8926	0,8920	1,0340	1,2167 *n*	9,7585	+ 0,03
Aug. 8	9,9069	0,8839	1,1197	1,1549 *n*	9,7787	+ 0,03
18	9,9192	0,8756	1,1810	1,0680 *n*	9,7980	+ 0,03
28	9,9297	0,8683	1,2240	0,9429 *n*	9,8164	+ 0,03
Sept. 7	9,9388	0,8632	1,2519	0,7465 *n*	9,8342	+ 0,03
17	9,9469	0,8614	1,2665	0,3451 *n*	9,8512	+ 0,02
27	9,9545	0,8633	1,2683	0,0913	9,8676	+ 0,0[illegible]
Oct. 7	9,9621	0,8691	1,2572	0,6688	9,8834	+ 0,02
17	9,9702	0,8784	1,2325	0,9019	9,8986	+ 0,02
27	9,9791	0,8901	1,1920	1,0441	9,9134	+ 0,02
Nov. 6	9,9892	0,9030	1,1324	1,1413	9,[illegible]76	+ 0,02
16	0,0004	0,9159	1,0470	1,2098	9,9414	+ 0,02
26	0,0127	0,9273	0,9226	1,2573	9,9547	+ 0,02
Dec. 6	0,0257	0,9363	0,7263	1,2879	9,9677	+ 0,02
16	0,0390	0,9421	0,3236	1,3037	9,9803	+ 0,02
26	0,0522	0,9445	0,0728 *n*	1,3057	9,9925	+ 0,02
36	0,0649	0,9432	0,64[illegible]1 *n*	1,2938	0,0044	+ 0,02

Tabula VIII.

1847.

	Log. A	Log. B	Log. C	Log. D	Log. τ	E
Jan. 0	9,1723	0,9440	0,5085 *n*	1,2999	$-\infty$	+ 0,02″
10	9,2583	0,9407	0,8064 *n*	1,2791	8,4362	+ 0,02
20	9,3256	0,9345	0,9721 *n*	1,2427	8,7373	+ 0,02
30	9,3787	0,9264	1,0812 *n*	1,1879	8,9134	+ 0,02
Febr. 9	9,4206	0,9175	1,1568 *n*	1,1096	9,0383	+ 0,02
19	9,4540	0,9091	1,2093 *n*	0,9973	9,1352	+ 0,02
Mart. 1	9,4811	0,9026	1,2438 *n*	0,8270	9,2144	+ 0,02
11	9,5039	0,8990	1,2632 *n*	0,5189	9,2813	+ 0,02
21	9,5243	0,8990	1,2690 *n*	9,2742 *n*	9,3393	+ 0,02
31	9,5439	0,9026	1,2619 *n*	0,5628 *n*	9,3905	+ 0,01
Apr. 10	9,5640	0,9095	1,2415 *n*	0,8447 *n*	9,4362	+ 0,01
20	9,5854	0,9190	1,2068 *n*	1,0048 *n*	9,4776	+ 0,01
30	9,6087	0,9298	1,1556 *n*	1,1114 *n*	9,5154	+ 0,01
Maj. 10	9,6338	0,9409	1,0834 *n*	1,1863 *n*	9,5502	+ 0,01
20	9,6603	0,9512	0,9821 *n*	1,2392 *n*	9,5824	+ 0,01
30	9,6876	0,9597	0,8336 *n*	1,2751 *n*	9,6123	+ 0,01
Jun. 9	9,7149	0,9659	0,5863 *n*	1,2970 *n*	9,6404	+ 0,01
19	9,7415	0,9692	9,9019 *n*	1,3061 *n*	9,6667	+ 0,01
29	9,7668	0,9695	0,3580	1,3032 *n*	9,6915	+ 0,01
Jul. 9	9,7901	0,9669	0,7239	1,2882 *n*	9,7150	+ 0,01
19	9,8112	0,9618	0,9120	1,2599 *n*	9,7373	+ 0,01
29	9,8299	0,9547	1,0340	1,2167 *n*	9,7585	+ 0,01
Aug. 8	9,8461	0,9463	1,1197	1,1549 *n*	9,7787	+ 0,01
18	9,8599	0,9378	1,1810	1,0680 *n*	9,7980	+ 0,01
28	9,8717	0,9301	1,2240	0,9429 *n*	9,8164	+ 0,01
Sept. 7	9,8818	0,9244	1,2519	0,7465 *n*	9,8342	+ 0,01
17	9,8908	0,9213	1,2665	0,3451 *n*	9,8512	+ 0,01
27	9,8992	0,9216	1,2683	0,0913	9,8676	+ 0,01
Oct. 7	9,9077	0,9253	1,2572	0,6688	9,8834	+ 0,01
17	9,9166	0,9321	1,2325	0,9019	9,8986	+ 0,01
27	9,9266	0,9411	1,1920	1,0441	9,9134	0,00
Nov. 6	9,9378	0,9513	1,1324	1,1413	9,9276	0,00
16	9,9455	0,9615	1,0470	1,2098	9,9414	0,00
26	9,9638	0,9705	0,9226	1,2573	9,9547	0,00
Dec. 6	9,9781	0,9774	0,7263	1,2879	9,9677	0,00
16	9,9929	0,9815	0,3236	1,3037	9,9803	0,00
26	0,0074	0,9823	0,0728 *n*	1,3057	9,9925	+ 0,01
36	0,0213	0,9799	0,0471 *n*	1,2938	0,0044	+ 0,01

Tabula VIII.

1848.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. *τ*	*E*
Jan. 1	8,5797	0,9812	0,5085 *n*	1,2999	— ∞	+ 0″,01
11	8,8467	0,9768	0,8064 *n*	1,2791	8,4362	+ 0,01
21	9,0016	0,9698	0,9721 *n*	1,2427	8,7373	+ 0,01
31	9,1060	0,9610	1,0811 *n*	1,1879	8,9134	+ 0,01
Febr. 10	9,1808	0,9514	1,1568 *n*	1,1096	9,0383	+ 0,01
20	9,2611	0,9424	1,2093 *n*	0,9973	9,1352	+0,01
Mart. 1	9,2799	0,9349	1,2438 *n*	0,8270	9,2144	0,00
11	9,3153	0,9301	1,2632 *n*	0,5189	9,2813	0,00
21	9,3459	0,9286	1,2690 *n*	9,2741 *n*	9,3393	0,00
31	9,3747	0,9306	1,2619 *n*	0,5628 *n*	9,3905	0,00
Apr. 10	9,4037	0,9357	1,2415 *n*	0,8447 *n*	9,4362	0,00
20	9,4342	0,9431	1,2068 *n*	1,0048 *n*	9,4776	0,00
30	9,4666	0,9520	1,1556 *n*	1,1114 *n*	9,5154	—0,01
Maj. 10	9,5008	0,9612	1,0834 *n*	1,1863 *n*	9,5502	—0,01
20	9,5362	0,9697	0,9821 *n*	1,2392 *n*	9,5824	—0,01
30	9,5720	0,9766	0,8336 *n*	1,2751 *n*	9,6123	—0,01
Jun. 9	9,6072	0,9812	0,5863 *n*	1,2970 *n*	9,6404	0,00
19	9,6409	0,9831	9,9019 *n*	1,3061 *n*	9,6667	0,00
29	9,6724	0,9821	0,3580	1,3032 *n*	9,6915	0,00
Jul. 9	9,7012	0,9783	0,7239	1,2882 *n*	9,7150	0,00
19	9,7268	0,9719	0,9120	1,2599 *n*	9,7373	0,00
29	9,7493	0,9636	1,0341	1,2167 *n*	9,7585	0,00
Aug. 8	9,7687	0,9541	1,1197	1,1549 *n*	9,7787	0,00
18	9,7852	0,9443	1,1810	1,0680 *n*	9,7980	0,00
28	9,7991	0,9353	1,2240	0,9429 *n*	9,8164	0,00
Sept. 7	9,8110	0,9281	1,2519	0,7465 *n*	9,8342	—0,01
17	9,8216	0,9236	1,2665	0,3451 *n*	9,8512	—0,01
27	9,8314	0,9224	1,2683	0,0913	9,8676	—0,01
Oct. 7	9,8413	0,9246	1,2572	0,6688	9,8834	—0,01
17	9,8517	0,9299	1,2325	0,9019	9,8986	—0,01
27	9,8632	0,9375	1,1920	1,0441	9,9134	—0,01
Nov. 6	9,8762	0,9464	1,1324	1,1413	9,9276	—0,01
16	9,8905	0,9553	1,0470	1,2098	9,9414	—0,01
26	9,9061	0,9631	0,9226	1,2573	9,9547	—0,01
Dec. 6	9,9225	0,9688	0,7263	1,2879	9,9677	—0,01
16	9,9392	0,9716	0,3236	1,3037	9,9803	—0,01
26	9,9557	0,9711	0,0727 *n*	1,3057	9,9925	—0,01
36	9,9713	0,9673	0,6470 *n*	1,2938	0,0044	—0,01

Tabula VIII.

1849.

	Log. *A*	Log. *B*	Log. *C*	Log. *D*	Log. τ	*E*
Jan. 0	8,8820 *n*	0,9691	0,5085 *n*	1,2999	— ∞	— 0,01″
10	8,6419 *n*	0,9633	0,8064 *n*	1,2791	8,4362	— 0,01
20	8,1339 *n*	0,9547	0,9721 *n*	1,2427	8,7373	— 0,01
30	8,1393	0,9441	1,0811 *n*	1,1879	8,9134	— 0,01
Febr. 9	8,5786	0,9327	1,1568 *n*	1,1096	9,0383	— 0,01
19	8,7698	0,9218	1,2093 *n*	0,9973	9,1352	— 0,01
Mart. 1	8,8637	0,9124	1,2438 *n*	0,8270	9,2144	— 0,01
11	8,9700	0,9058	1,2632 *n*	0,5190	9,2813	— 0,01
21	9,0357	0,9027	1,2690 *n*	9,2740 *n*	9,3393	— 0,02
31	9,0936	0,9032	1,2619 *n*	0,5628 *n*	9,3905	— 0,02
Apr. 10	9,1481	0,9071	1,2415 *n*	0,8447 *n*	9,4362	— 0,02
20	9,2021	0,9136	1,2068 *n*	1,0048 *n*	9,4776	— 0,02
30	9,2565	0,9216	1,1556 *n*	1,1114 *n*	9,5154	— 0,02
Maj. 10	9,3111	0,9301	1,0834 *n*	1,1863 *n*	9,5502	— 0,02
20	9,3652	0,9378	0,9821 *n*	1,2392 *n*	9,5824	— 0,02
30	9,4177	0,9438	0,8336 *n*	1,2751 *n*	9,6123	— 0,02
Jun. 9	9,4674	0,9474	0,5863 *n*	1,2970 *n*	9,6404	— 0,02
19	9,5136	0,9480	9,9018 *n*	1,3061 *n*	9,6667	— 0,02
29	9,5557	0,9456	0,3580	1,3032 *n*	9,6915	— 0,02
Jul. 9	9,5933	0,9401	0,7239	1,2882 *n*	9,7150	— 0,02
19	9,6262	0,9318	0,9120	1,2599 *n*	9,7373	— 0,02
29	9,6547	0,9212	1,0341	1,2167 *n*	9,7585	— 0,02
Aug. 8	9,6789	0,9092	1,1197	1,1549 *n*	9,7787	— 0,02
18	9,6993	0,8968	1,1810	1,0680 *n*	9,7980	— 0,02
28	9,7166	0,8852	1,2240	0,9429 *n*	9,8164	— 0,02
Sept. 7	9,7312	0,8755	1,2519	0,7465 *n*	9,8342	— 0,02
17	9,7442	0,8689	1,2665	0,3451 *n*	9,8512	— 0,02
27	9,7562	0,8659	1,2683	0,0913	9,8676	— 0,02
Oct. 7	9,7681	0,8668	1,2572	0,6688	9,8834	— 0,03
17	9,7807	0,8713	1,2325	0,9019	9,8986	— 0,03
27	9,7946	0,8784	1,1920	1,0441	9,9134	— 0,03
Nov. 6	9,8099	0,8871	1,1324	1,1413	9,9276	— 0,03
16	9,8268	0,8958	1,0470	1,2098	9,9414	— 0,03
26	9,8451	0,9033	0,9226	1,2573	9,9547	— 0,03
Dec. 6	9,8642	0,9084	0,7263	1,2879	9,9677	— 0,03
16	9,8835	0,9102	0,3237	1,3037	9,9803	— 0,03
26	9,9024	0,9083	0,0726 *n*	1,3057	9,9925	— 0,03
36	9,9203	0,9024	0,6470 *n*	1,2938	0,0044	— 0,03

Tabula IX.

Valores quantitatum C & D pro singulis diebus.

Annus		Januarius.				Februarius.			
		Log. *C*		Log. *D*		Log. *C*		Log. *D*	
C	*B*	1750	1850	1750	1850	1750	1850	1750	1850
0	1	0,5109 *n*	0,5085 *n*	1,2998	1,2999	1,0904 *n*	1,0900 *n*	1,1809	1,1813
1	2	0,5523 *n*	0,5501 *n*	1,2984	1,2985	1,0989 *n*	1,0985 *n*	1,1740	1,1744
2	3	0,5899 *n*	0,5879 *n*	1,2968	1,2969	1,1071 *n*	1,1067 *n*	1,1668	1,1672
3	4	0,6245 *n*	0,6226 *n*	1,2951	1,2952	1,1150 *n*	1,1147 *n*	1,1594	1,1598
4	5	0,6563 *n*	0,6546 *n*	1,2932	1,2933	1,1227 *n*	1,1223 *n*	1,1518	1,1522
5	6	0,6858 *n*	0,6842 *n*	1,2912	1,2913	1,1300 *n*	1,1297 *n*	1,1438	1,1442
6	7	0,7133 *n*	0,7118 *n*	1,2890	1,2892	1,1372 *n*	1,1369 *n*	1,1356	1,1360
7	8	0,7391 *n*	0,7377 *n*	1,2867	1,2868	1,1440 *n*	1,1437 *n*	1,1271	1,1275
8	9	0,7633 *n*	0,7620 *n*	1,2844	1,2845	1,1507 *n*	1,1504 *n*	1,1183	1,1187
9	10	0,7861 *n*	0,7848 *n*	1,2817	1,2818	1,1571 *n*	1,1568 *n*	1,1091	1,1096
10	11	0,8076 *n*	0,8064 *n*	1,2789	1,2791	1,1632 *n*	1,1630 *n*	1,0996	1,1001
11	12	0,8279 *n*	0,8268 *n*	1,2760	1,2762	1,1692 *n*	1,1689 *n*	1,0898	1,0903
12	13	0,8472 *n*	0,8462 *n*	1,2729	1,2731	1,1749 *n*	1,1747 *n*	1,0797	1,0801
13	14	0,8656 *n*	0,8646 *n*	1,2697	1,2699	1,1804 *n*	1,1802 *n*	1,0691	1,0696
14	15	0,8831 *n*	0,8822 *n*	1,2663	1,2665	1,1857 *n*	1,1855 *n*	1,0582	1,0587
15	16	0,8997 *n*	0,8989 *n*	1,2628	1,2630	1,1908 *n*	1,1907 *n*	1,0468	1,0473
16	17	0,9157 *n*	0,9148 *n*	1,2590	1,2592	1,1958 *n*	1,1956 *n*	1,0350	1,0355
17	18	0,9309 *n*	0,9301 *n*	1,2551	1,2554	1,2005 *n*	1,2003 *n*	1,0227	1,0233
18	19	0,9455 *n*	0,9447 *n*	1,2511	1,2513	1,2050 *n*	1,2049 *n*	1,0100	1,0105
19	20	0,9594 *n*	0,9587 *n*	1,2468	1,2471	1,2094 *n*	1,2093 *n*	0,9967	0,9973
20	21	0,9728 *n*	0,9721 *n*	1,2424	1,2427	1,2136 *n*	1,2135 *n*	0,9829	0,9835
21	22	0,9857 *n*	0,9850 *n*	1,2378	1,2381	1,2176 *n*	1,2175 *n*	0,9685	0,9691
22	23	0,9880 *n*	0,9974 *n*	1,2331	1,2333	1,2214 *n*	1,2213 *n*	0,9535	0,9541
23	24	1,0099 *n*	1,0093 *n*	1,2281	1,2284	1,2251 *n*	1,2250 *n*	0,9378	0,9384
24	25	1,0213 *n*	1,0208 *n*	1,2229	1,2232	1,2286 *n*	1,2286 *n*	0,9214	0,9220
25	26	1,0323 *n*	1,0318 *n*	1,2176	1,2179	1,2320 *n*	1,2319 *n*	0,9042	0,9048
26	27	1,0429 *n*	1,0424 *n*	1,2120	1,2123	1,2352 *n*	1,2351 *n*	0,8861	0,8868
27	28	1,0531 *n*	1,0526 *n*	1,2062	1,2065	1,2382 *n*	1,2382 *n*	0,8672	0,8679
28	29	1,0629 *n*	1,0625 *n*	1,2002	1,2005	1,2411 *n*	1,2410 *n*	0,8473	0,8480
29	30	1,0724 *n*	1,0720 *n*	1,1940	1,1943	1,2438 *n*	1,2438 *n*	0,8263	0,8270
30	31	1,0816 *n*	1,0811 *n*	1,1876	1,1879				
31	32	1,0904 *n*	1,0900 *n*	1,1809	1,1813				
32		1,0989 *n*	1,0985 *n*	1,1740	1,1744				

Tabula IX. *continuata.*

Valores quantitatum C & D pro singulis diebus.

	Martius.				Aprilis.			
	Log. *C*		Log. *D*		Log. *C*		Log. *D*	
	1750	1850	1750	1850	1750	1850	1750	1850
0	1,2411 *n*	1,2410 *n*	0,8473	0,8480	1,2618 *n*	1,2619 *n*	0,5630 *n*	0,5628 *n*
1	1,2438 *n*	1,2438 *n*	0,8263	0,8270	1,2604 *n*	1,2604 *n*	0,6017 *n*	0,6016 *n*
2	1,2464 *n*	1,2464 *n*	0,8041	0,8048	1,2588 *n*	1,2589 *n*	0,6371 *n*	0,6370 *n*
3	1,2488 *n*	1,2488 *n*	0,7805	0,7813	1,2571 *n*	1,2572 *n*	0,6697 *n*	0,6697 *n*
4	1,2511 *n*	1,2511 *n*	0,7555	0,7563	1,2553 *n*	1,2554 *n*	0,6999 *n*	0,6999 *n*
5	1,2532 *n*	1,2533 *n*	0,7289	0,7297	1,2534 *n*	1,2535 *n*	0,7280 *n*	0,7280 *n*
6	1,2553 *n*	1,2553 *n*	0,7003	0,7012	1,2512 *n*	1,2513 *n*	0,7543 *n*	0,7543 *n*
7	1,2571 *n*	1,2571 *n*	0,6697	0,6706	1,2490 *n*	1,2490 *n*	0,7789 *n*	0,7789 *n*
8	1,2589 *n*	1,2588 *n*	0,6366	0,6375	1,2466 *n*	1,2467 *n*	0,8021 *n*	0,8021 *n*
9	1,2604 *n*	1,2604 *n*	0,6006	0,6016	1,2441 *n*	1,2442 *n*	0,8239 *n*	0,8240 *n*
10	1,2619 *n*	1,2619 *n*	0,5612	0,5623	1,2415 *n*	1,2415 *n*	0,8446 *n*	0,8447 *n*
11	1,2632 *n*	1,2632 *n*	0,5178	0,5190	1,2387 *n*	1,2387 *n*	0,8642 *n*	0,8643 *n*
12	1,2644 *n*	1,2644 *n*	0,4695	0,4707	1,2357 *n*	1,2358 *n*	0,8829 *n*	0,8830 *n*
13	1,2654 *n*	1,2654 *n*	0,4150	0,4163	1,2327 *n*	1,2327 *n*	0,9006 *n*	0,9007 *n*
14	1,2663 *n*	1,2663 *n*	0,3526	0,3540	1,2294 *n*	1,2294 *n*	0,9175 *n*	0,9176 *n*
15	1,2671 *n*	1,2671 *n*	0,2795	0,2812	1,2260 *n*	1,2260 *n*	0,9336 *n*	0,9338 *n*
16	1,2677 *n*	1,2678 *n*	0,1915	0,1935	1,2225 *n*	1,2225 *n*	0,9491 *n*	0,9492 *n*
17	1,2682 *n*	1,2683 *n*	0,0809	0,0833	1,2188 *n*	1,2188 *n*	0,9638 *n*	0,9640 *n*
18	1,2686 *n*	1,2687 *n*	9,9321	9,9353	1,2150 *n*	1,2150 *n*	0,9780 *n*	0,9782 *n*
19	1,2689 *n*	1,2689 *n*	9,7039	9,7090	1,2110 *n*	1,2110 *n*	0,9916 *n*	0,9918 *n*
20	1,2690 *n*	1,2691 *n*	9,1937	9,2091	1,2068 *n*	1,2068 *n*	1,0046 *n*	1,0048 *n*
21	1,2690 *n*	1,2690 *n*	9,2860 *n*	9,2739 *n*	1,2025 *n*	1,2025 *n*	1,0172 *n*	1,0174 *n*
22	1,2689 *n*	1,2690 *n*	9,7343 *n*	9,7303 *n*	1,1980 *n*	1,1980 *n*	1,0292 *n*	1,0294 *n*
23	1,2686 *n*	1,2686 *n*	9,9499 *n*	9,9477 *n*	1,1934 *n*	1,1933 *n*	1,0408 *n*	1,0410 *n*
24	1,2682 *n*	1,2682 *n*	0,0932 *n*	0,0917 *n*	1,1885 *n*	1,1885 *n*	1,0520 *n*	1,0522 *n*
25	1,2677 *n*	1,2677 *n*	0,2006 *n*	0,1995 *n*	1,1835 *n*	1,1835 *n*	1,0628 *n*	1,0630 *n*
26	1,2670 *n*	1,2671 *n*	0,2865 *n*	0,2857 *n*	1,1783 *n*	1,1783 *n*	1,0732 *n*	1,0734 *n*
27	1,2662 *n*	1,2663 *n*	0,3580 *n*	0,3574 *n*	1,1730 *n*	1,1729 *n*	1,0832 *n*	1,0834 *n*
28	1,2653 *n*	1,2654 *n*	0,4193 *n*	0,4188 *n*	1,1674 *n*	1,1673 *n*	1,0929 *n*	1,0931 *n*
29	1,2643 *n*	1,2644 *n*	0,4728 *n*	0,4724 *n*	1,1616 *n*	1,1615 *n*	1,1022 *n*	1,1024 *n*
30	1,2631 *n*	1,2632 *n*	0,5203 *n*	0,5200 *n*	1,1557 *n*	1,1556 *n*	1,1112 *n*	1,1114 *n*
31	1,2618 *n*	1,2619 *n*	0,5630 *n*	0,5628 *n*	1,1495 *n*	1,1494 *n*	1,1199 *n*	1,1201 *n*
32	1,2604 *n*	1,2604 *n*	0,6017 *n*	0,6016 *n*				

Tabula IX. *continuata.*

Valores quantitatum C & D pro singulis diebus.

	Majus.				Junius.			
	Log. *C*		Log. *D*		Log. *C*		Log. *D*	
	1750	1850	1750	1850	1750	1850	1750	1850
0	1,1557 *n*	1,1556 *n*	1,1112 *n*	1,1114 *n*	0,8157 *n*	0,8148 *n*	1,2778 *n*	1,2779 *n*
1	1,1495 *n*	1,1494 *n*	1,1199 *n*	1,1201 *n*	0,7959 *n*	0,7950 *n*	1,2805 *n*	1,2806 *n*
2	1,1431 *n*	1,1430 *n*	1,1283 *n*	1,1285 *n*	0,7751 *n*	0,7741 *n*	1,2830 *n*	1,2831 *n*
3	1,1365 *n*	1,1364 *n*	1,1364 *n*	1,1366 *n*	0,7532 *n*	0,7521 *n*	1,2854 *n*	1,2855 *n*
4	1,1297 *n*	1,1295 *n*	1,1442 *n*	1,1444 *n*	0,7299 *n*	0,7288 *n*	1,2876 *n*	1,2877 *n*
5	1,1226 *n*	1,1225 *n*	1,1518 *n*	1,1520 *n*	0,7052 *n*	0,7040 *n*	1,2897 *n*	1,2898 *n*
6	1,1153 *n*	1,1152 *n*	1,1591 *n*	1,1593 *n*	0,6789 *n*	0,6776 *n*	1,2917 *n*	1,2918 *n*
7	1,1078 *n*	1,1076 *n*	1,1662 *n*	1,1664 *n*	0,6508 *n*	0,6493 *n*	1,2935 *n*	1,2936 *n*
8	1,1000 *n*	1,0998 *n*	1,1731 *n*	1,1733 *n*	0,6206 *n*	0,6190 *n*	1,2953 *n*	1,2954 *n*
9	1,0920 *n*	1,0918 *n*	1,1796 *n*	1,1798 *n*	0,5880 *n*	0,5863 *n*	1,2969 *n*	1,2970 *n*
10	1,0836 *n*	1,0833 *n*	1,1861 *n*	1,1863 *n*	0,5527 *n*	0,5508 *n*	1,2984 *n*	1,2984 *n*
11	1,0750 *n*	1,0748 *n*	1,1922 *n*	1,1924 *n*	0,5141 *u*	0,5120 *n*	1,2997 *n*	1,2998 *n*
12	1,0661 *n*	1,0659 *n*	1,1982 *n*	1,1984 *n*	0,4716 *n*	0,4693 *n*	1,3009 *n*	1,3010 *n*
13	1,0569 *n*	1,0566 *n*	1,2040 *n*	1,2042 *n*	0,4244 *n*	0,4217 *n*	1,3020 *n*	1,3021 *n*
14	1,0474 *n*	1,0471 *n*	1,2095 *n*	1,2097 *n*	0,3713 *n*	0,3683 *n*	1,3030 *n*	1,3031 *n*
15	1,0375 *n*	1,0372 *n*	1,2149 *n*	1,2151 *n*	0,3107 *n*	0,3071 *n*	1,3039 *n*	1,3039 *n*
16	1,0273 *n*	1,0269 *n*	1,2201 *n*	1,2202 *n*	0,2400 *n*	0,2358 *n*	1,3046 *n*	1,3047 *n*
17	1,0167 *n*	1,0163 *n*	1,2251 *n*	1,2252 *n*	0,1555 *n*	0,1503 *n*	1,3052 *n*	1,3053 *n*
18	1,0056 *n*	1,0052 *n*	1,2299 *n*	1,2301 *n*	0,0503 *n*	0,0436 *n*	1,3057 *n*	1,3058 *n*
19	0,9944 *n*	0,9939 *n*	1,2345 *n*	1,2347 *n*	9,9110 *n*	9,9017 *n*	1,3061 *n*	1,3061 *n*
20	0,9826 *n*	0,9821 *n*	1,2390 *n*	1,2392 *n*	9,7046 *n*	9,6893 *n*	1,3064 *n*	1,3064 *n*
21	0,9703 *n*	0,9698 *n*	1,2433 *n*	1,2435 *n*	9,2971 *n*	9,2567 *n*	1,3065 *n*	1,3065 *n*
22	0,9576 *n*	0,9571 *n*	1,2474 *n*	1,2476 *n*	9,0420	9,1067	1,3065 *n*	1,3065 *n*
23	0,9443 *n*	0,9438 *n*	1,2514 *n*	1,2516 *n*	9,6217	9,6398	1,3064 *n*	1,3064 *n*
24	0,9305 *n*	0,9300 *n*	1,2552 *n*	1,2554 *n*	9,8613	9,8719	1,3062 *n*	1,3062 *n*
25	0,9162 *n*	0,9156 *n*	1,2589 *n*	1,2591 *n*	0,0148	0,0222	1,3059 *n*	1,3058 *n*
26	0,9013 *n*	0,9007 *n*	1,2624 *n*	1,2626 *n*	0,1278	0,1336	1,3054 *n*	1,3054 *n*
27	0,8857 *n*	0,8850 *n*	1,2658 *n*	1,2659 *n*	0,2174	0,2221	1,3048 *n*	1,3048 *n*
28	0,8694 *n*	0,8687 *n*	1,2690 *n*	1,2691 *n*	0,2914	0,2955	1,3041 *n*	1,3041 *n*
29	0,8523 *n*	0,8515 *n*	1,2721 *n*	1,2722 *n*	0,3546	0,3581	1,3033 *n*	1,3032 *n*
30	0,8344 *n*	0,8336 *n*	1,2750 *n*	1,2751 *n*	0,4096	0,4127	1,3023 *n*	1,3023 *n*
31	0,8157 *n*	0,8148 *n*	1,2778 *n*	1,2779 *n*	0,4583	0,4611	1,3013 *n*	1,3012 *n*
32	0,7959 *n*	0,7950 *n*	1,2805 *n*	1,2806 *n*				

Tabula IX. *continuata.*

Valores quantitatum C & D pro singulis diebus.

	Julius.				Augustus.			
	Log. *C*		Log *D*		Log. *C*		Log. *D*	
	1750	1850	1750	1850	1750	1850	1750	1850
0	0,4096	0,4127	1,3023 *n*	1,3023 *n*	1,0530	1,0536	1,2063 *n*	1,2060 *n*
1	0,4583	0,4611	1,3013 *n*	1,3012 *n*	1,0623	1,0628	1,2006 *n*	1,2003 *n*
2	0,5020	0,5045	1,3001 *n*	1,3000 *n*	1,0713	1,0718	1,1948 *n*	1,1945 *n*
3	0,5416	0,5439	1,2988 *n*	1,2987 *n*	1,0800	1,0305	1,1888 *n*	1,1884 *n*
4	0,5778	0,5799	1,2973 *n*	1,2972 *n*	1,0884	1,0888	1,1825 *n*	1,1822 *n*
5	0,6111	0,6130	1,2958 *n*	1,2957 *n*	1,0965	1,0969	1,1760 *n*	1,1757 *n*
6	0,6419	0,6437	1,2941 *n*	1,2940 *n*	1,1043	1,1048	1,1693 *n*	1,1690 *n*
7	0,6705	0,6722	1,2923 *n*	1,2922 *n*	1,1119	1,1124	1,1624 *n*	1,1621 *n*
8	0,6973	0,6989	1,2903 *n*	1,2902 *n*	1,1193	1,1197	1,1553 *n*	1,1549 *n*
9	0,7224	0,7239	1,2883 *n*	1,2881 *n*	1,1264	1,1268	1,1479 *n*	1,1475 *n*
10	0,7460	0,7474	1,2861 *n*	1,2859 *n*	1,1333	1,1336	1,1402 *n*	1,1398 *n*
11	0,7683	0,7696	1,2837 *n*	1,2836 *n*	1,1399	1,1403	1,1323 *n*	1,1319 *n*
12	0,7894	0,7906	1,2813 *n*	1,2811 *n*	1,1463	1,1467	1,1241 *n*	1,1237 *n*
13	0,8094	0,8106	1,2787 *n*	1,2785 *n*	1,1526	1,1529	1,1156 *n*	1,1152 *n*
14	0,8284	0,8295	1,2759 *n*	1,2758 *n*	1,1586	1,1589	1,1068 *n*	1,1064 *n*
15	0,8465	0,8476	1,2731 *n*	1,2729 *n*	1,1644	1,1647	1,0977 *n*	1,0973 *n*
16	0,8637	0,8648	1,2700 *n*	1,2699 *n*	1,1700	1,1703	1,0883 *n*	1,0879 *n*
17	0,8802	0,8812	1,2669 *n*	1,2667 *n*	1,1755	1,1757	1,0786 *n*	1,0781 *n*
18	0,8960	0,8969	1,2636 *n*	1,2634 *n*	1,1807	1,1810	1,0685 *n*	1,0680 *n*
19	0,9111	0,9120	1,2601 *n*	1,2599 *n*	1,1858	1,1860	1,0580 *n*	1,0576 *n*
20	0,9256	0,9265	1,2565 *n*	1,2563 *n*	1,1907	1,1909	1,0472 *n*	1,0467 *n*
21	0,9395	0,9403	1,2528 *n*	1,2526 *n*	1,1954	1,1956	1,0359 *n*	1,0354 *n*
22	0,9528	0,9536	1,2489 *n*	1,2487 *n*	1,1999	1,2002	1,0242 *n*	1,0237 *n*
23	0,9657	0,9665	1,2448 *n*	1,2446 *n*	1,2043	1,2046	1,0121 *n*	1,0116 *n*
24	0,9780	0,9788	1,2406 *n*	1,2404 *n*	1,2085	1,2088	0,9994 *n*	0,9989 *n*
25	0,9900	0,9907	1,2362 *n*	1,2360 *n*	1,2126	1,2128	0,9863 *n*	0,9858 *n*
26	1,0014	1,0021	1,2317 *n*	1,2314 *n*	1,2165	1,2167	0,9726 *n*	0,9721 *n*
27	1,0125	1,0131	1,2270 *n*	1,2267 *n*	1,2202	1,2204	0,9584 *n*	0,9578 *n*
28	1,0232	1,0238	1,2220 *n*	1,2218 *n*	1,2238	1,2240	0,9435 *n*	0,9429 *n*
29	1,0335	1,0341	1,2170 *n*	1,2167 *n*	1,2273	1,2274	0,9279 *n*	0,9273 *n*
30	1,0434	1,0440	1,2117 *n*	1,2114 *n*	1,2306	1,2307	0,9117 *n*	0,9111 *n*
31	1,0530	1,0536	1,2063 *n*	1,2060 *n*	1,2337	1,2339	0,8947 *n*	0,8941 *n*
32	1,0623	1,0628	1,2006 *n*	1,2003 *n*	1,2367	1,2369	0,8768 *n*	0,8762 *n*

Tabula IX. *continuata.*

Valores quantitatum C & D pro singulis diebus.

	September.				October.			
	Log. *C*		Log. *D*		Log. *C*		Log. *D*	
	1750	1850	1750	1850	1750	1850	1750	1850
0	1,2337	1,2339	0,8947 *n*	0,8941 *n*	1,2663	1,2663	0,3554	0,3560
1	1,2367	1,2369	0,8768 *n*	0,8762 *n*	1,2654	1,2654	0,4169	0,4173
2	1,2396	1,2397	0,8581 *n*	0,8574 *n*	1,2644	1,2644	0,4707	0,4710
3	1,2423	1,2425	0,8383 *n*	0,8376 *n*	1,2632	1,2632	0,5184	0,5187
4	1,2449	1,2450	0,8175 *n*	0,8168 *n*	1,2619	1,2619	0,5614	0,5615
5	1,2473	1,2475	0,7954 *n*	0,7947 *n*	1,2605	1,2605	0,6003	0,6004
6	1,2497	1,2498	0,7721 *n*	0,7714 *n*	1,2589	1,2589	0,6360	0,6360
7	1,2518	1,2519	0,7473 *n*	0,7465 *n*	1,2572	1,2572	0,6688	0,6688
8	1,2539	1,2540	0,7208 *n*	0,7200 *n*	1,2554	1,2554	0,6993	0,6993
9	1,2558	1,2559	0,6925 *n*	0,6917 *n*	1,2534	1,2534	0,7276	0,7276
10	1,2576	1,2577	0,6620 *n*	0,6612 *n*	1,2513	1,2513	0,7541	0,7540
11	1,2592	1,2593	0,6291 *n*	0,6282 *n*	1,2490	1,2491	0,7789	0,7789
12	1,2607	1,2608	0,5934 *n*	0,5924 *n*	1,2466	1,2467	0,8023	0,8022
13	1,2621	1,2622	0,5542 *n*	0,5532 *n*	1,2441	1,2441	0,8244	0,8243
14	1,2634	1,2635	0,5111 *n*	0,5100 *n*	1,2414	1,2414	0,8454	0,8452
15	1,2645	1,2646	0,4630 *n*	0,4618 *n*	1,2385	1,2386	0,8652	0,8651
16	1,2655	1,2656	0,4087 *n*	0,4074 *n*	1,2355	1,2356	0,8841	0,8839
17	1,2664	1,2665	0,3464 *n*	0,3451 *n*	1,2324	1,2325	0,9020	0,9019
18	1,2672	1,2672	0,2736 *n*	0,2720 *n*	1,2291	1,2292	0,9192	0,9190
19	1,2678	1,2678	0,1857 *n*	0,1839 *n*	1,2256	1,2257	0,9355	0,9353
20	1,2683	1,2683	0,0753 *n*	0,0731 *n*	1,2220	1,2221	0,9512	0,9510
21	1,2686	1,2687	9,9266 *n*	9,9237 *n*	1,2182	1,2183	0,9662	0,9660
22	1,2689	1,2689	9,6983 *n*	9,6936 *n*	1,2143	1,2144	0,9805	0,9803
23	1,2690	1,2691	9,1865 *n*	9,1717 *n*	1,2102	1,2103	0,9943	0,9941
24	1,2690	1,2690	9,2839	9,2942	1,2059	1,2060	1,0076	1,0074
25	1,2689	1,2689	9,7310	9,7346	1,2014	1,2015	1,0203	1,0201
26	1,2686	1,2687	9,9466	9,9486	1,1967	1,1968	1,0326	1,0323
27	1,2682	1,2683	0,0900	0,0914	1,1919	1,1920	1,0444	1,0441
28	1,2677	1,2677	0,1976	0,1986	1,1869	1,1870	1,0557	1,0555
29	1,2671	1,2671	0,2837	0,2844	1,1816	1,1818	1,0667	1,0664
30	1,2663	1,2663	0,3554	0,3560	1,1762	1,1764	1,0772	1,0770
31	1,2654	1,2654	0,4169	0,4173	1,1706	1,1707	1,0874	1,0872
32					1,1647	1,1649	1,0972	1,0970

Tabula IX. *continuata.*

Valores quantitatum C & D pro singulis diebus.

	November.				December.			
	Log. *C*		Log. *D*		Log. *C*		Log. *D*	
	1750	1850	1750	1850	1750	1850	1750	1850
0	1,1706	1,1707	1,0874	1,0872	0,8551	0,8560	1,2716	1,2714
1	1,1647	1,1649	1,0972	1,0970	0,8363	0,8372	1,2747	1,2746
2	1,1587	1,1589	1,1067	1,1065	0,8165	0,8175	1,2777	1,2775
3	1,1524	1,1526	1,1159	1,1156	0,7956	0,7966	1,2805	1,2804
4	1,1458	1,1461	1,1247	1,1245	0,7734	0,7746	1,2832	1,2830
5	1,1391	1,1394	1,1332	1,1330	0,7500	0,7512	1,2857	1,2855
6	1,1321	1,1324	1,1415	1,1413	0,7250	0,7263	1,2880	1,2879
7	1,1249	1,1251	1,1495	1,1492	0,6984	0,6998	1,2903	1,2901
8	1,1174	1,1176	1,1572	1,1569	0,6698	0,6714	1,2923	1,2922
9	1,1096	1,1099	1,1646	1,1644	0,6391	0,6408	1,2943	1,2942
10	1,1015	1,1018	1,1718	1,1715	0,6060	0,6078	1,2960	1,2959
11	1,0932	1,0935	1,1787	1,1785	0,5699	0,5719	1,2977	1,2976
12	1,0845	1,0849	1,1854	1,1852	0,5304	0,5326	1,2992	1,2991
13	1,0755	1,0759	1,1919	1,1917	0,4868	0,4892	1,3005	1,3005
14	1,0662	1,0666	1,1981	1,1979	0,4381	0,4409	1,3017	1,3017
15	1,0566	1,0570	1,2041	1,2039	0,3831	0,3863	1,3028	1,3028
16	1,0466	1,0470	1,2100	1,2098	0,3200	0,3237	1,3038	1,3037
17	1,0362	1,0366	1,2156	1,2154	0,2460	0,2504	1,3046	1,3045
18	1,0254	1,0259	1,2210	1,2208	0,1565	0,1619	1,3052	1,3052
19	1,0142	1,0147	1,2262	1,2260	0,0434	0,0505	1,3058	1,3057
20	1,0026	1,0031	1,2312	1,2310	9,8899	9,9000	1,3062	1,3061
21	0,9905	0,9910	1,2360	1,2358	9,6500	9,6675	1,3064	1,3064
22	0,9779	0,9784	1,2407	1,2405	9,0688	9,1323	1,3065	1,3065
23	0,9647	0,9653	1,2451	1,2450	9,3271 *n*	9,2876 *n*	1,3065	1,3065
24	0,9511	0,9517	1,2494	1,2492	9,7339 *n*	9,7188 *n*	1,3064	1,3064
25	0,9368	0,9375	1,2535	1,2534	9,9402 *n*	9,9308 *n*	1,3061	1,3061
26	0,9219	0,9227	1,2575	1,2573	0,0793 *n*	0,0726 *n*	1,3056	1,3057
27	0,9064	0.9071	1,2612	1,2611	0,1845 *n*	0,1791 *n*	1,3051	1,3051
28	0,8901	0,8909	1,2648	1,2647	0,2689 *n*	0,2646 *n*	1,3044	1,3044
29	0,8730	0,8739	1,2683	1,2681	0,3395 *n*	0,3358 *n*	1,3035	1,3036
30	0,8551	0,8560	1,2716	1,2714	0,4001 *n*	0,3968 *n*	1,3025	1,3026
31	0,8363	0,8372	1,2747	1,2746	0,4531 *n*	0,4502 *n*	1,3014	1,3015
32					0,5002 *n*	0,4977 *n*	1,3001	1,3002

Tabulae X. Sectio prima.

Adscensiones rectae et Declinationes mediae et apparentes
Stellarum 36 *fundamentalium atque α Ursae minoris,*

ab Anno 1750 usque ad Annum 1770.

Tabulae X. Sect. I. γ *Pegasi.*

		h m s	° ' "			h m s	° ' "
1750	Jan. 0	0 0 24,384	+13 47 40,46	1760	Jan. 1	0 0 53,096	+13 50 47,62
	Apr. 10	24,413	40,56		Apr. 10	53,094	47,70
	Jul. 19	24,433	40,60		Jul. 19	53,101	47,83
	Oct. 27	24,444	40,58		Oct. 27	53,117	48,02
	Dec. 66	24,446	40,51		Dec. 66	53,140	48,26
1751	Jan. 0	0 0 27,518	+13 48 0,58	1761	Jan. 0	0 0 56,204	+13 51 8,21
	Apr. 10	27,514	0,46		Apr. 10	56,234	8,49
	Jul. 19	27,502	0,30		Jul. 19	56,271	8,81
	Oct. 27	27,480	0,07		Oct. 27	56,316	9,17
	Dec. 66	27,450	47 59,79		Dec. 66	56,368	9,58
1752	Jan. 1	0 0 30,533	+13 48 19,93	1762	Jan. 0	0 0 59,422	+13 51 29,47
	Apr. 10	30,498	19,62		Apr. 10	59,479	29,91
	Jul. 19	30,454	19,26		Jul. 19	59,542	30,38
	Oct. 27	30,402	18,85		Oct. 27	59,611	30,88
	Dec. 66	30,342	18,40		Dec. 66	59,686	31,41
1753	Jan. 0	0 0 33,435	+13 48 38,59	1763	Jan. 0	0 1 2,733	+13 51 51,26
	Apr. 10	33,371	38,11		Apr. 10	2,811	51,81
	Jul. 19	33,300	37,60		Jul. 19	2,892	52,37
	Oct. 27	33,224	37,06		Oct. 27	2,977	52,95
	Dec. 66	33,141	36,48		Dec. 66	3,066	53,55
1754	Jan. 0	0 0 36,241	+13 48 56,71	1764	Jan. 1	0 1 6,109	+13 52 13,38
	Apr. 10	36,155	56,12		Apr. 10	6,200	13,98
	Jul. 19	36,066	55,52		Jul. 19	6,292	14,58
	Oct. 27	35,974	54,90		Oct. 27	6,385	15,18
	Dec. 66	35,878	54,26		Dec. 66	6,479	15,77
1755	Jan. 0	0 0 38,982	+13 49 14,51	1765	Jan. 0	0 1 9,521	+13 52 35,61
	Apr. 10	38,885	13,88		Apr. 10	9,614	36,20
	Jul. 19	38,788	13,25		Jul. 19	9,705	36,77
	Oct. 27	38,690	12,63		Oct. 27	9,795	37,32
	Dec. 66	38,593	12,02		Dec. 66	9,884	37,86
1756	Jan. 1	0 0 41,698	+13 49 32,26	1766	Jan. 0	0 1 12,927	+13 52 57,72
	Apr. 10	41,602	31,66		Apr. 10	13,014	58,24
	Jul. 19	41,508	31,09		Jul. 19	13,097	58,72
	Oct. 27	41,417	30,55		Oct. 27	13,175	59,17
	Dec. 66	41,330	30,03		Dec. 66	13,249	59,58
1757	Jan. 0	0 0 44,432	+13 49 50,24	1767	Jan. 0	0 1 16,298	+13 53 19,49
	Apr. 10	44,349	49,75		Apr. 10	16,369	19,88
	Jul. 19	44,269	49,30		Jul. 19	16,433	20,22
	Oct. 27	44,196	48,89		Oct. 27	16,491	20,51
	Dec. 66	44,129	48,53		Dec. 66	16,542	20,76
1758	Jan. 0	0 0 47,223	+13 50 8,68	1768	Jan. 1	0 1 19,599	+13 53 40,72
	Apr. 10	47,161	8,35		Apr. 10	19,645	40,93
	Jul. 19	47,106	8,08		Jul. 19	19,683	41,09
	Oct. 27	47,059	7,86		Oct. 27	19,713	41,19
	Dec. 66	47,020	7,69		Dec. 66	19,736	41,25
1759	Jan. 0	0 0 50,104	+13 50 27,78	1769	Jan. 0	0 1 22,802	+13 54 1,27
	Apr. 10	50,071	27,65		Apr. 10	22,818	1,28
	Jul. 19	50,046	27,58		Jul. 19	22,826	1,24
	Oct. 27	50,029	27,56		Oct. 27	22,825	1,14
	Dec. 66	50,021	27,60		Dec. 66	22,815	0,98

Tabulae X. Sect. I. *γ Pegasi.*

	1760		1760		Var. 10 annor.	
Jan. 0	−0″,171	−11,2	+ 3″,65	− 7,9	+3	+2
10	−0,283	−11,9	+ 2,81	− 8,9	+3	+2
20	−0,389	−10,0	+ 1,87	− 9,8	+3	+2
30	−0,483	− 8,7	+ 0,86	−10,2	+2	+2
Febr. 9	−0,563	− 6,9	− 0,17	−10,2	+2	+2
19	−0,621	− 4,5	− 1,17	− 9,6	+2	+2
Mart. 1	−0,653	− 1,7	− 2,09	− 8,5	+1	+2
11	−0,655	+ 1,6	− 2,87	− 6,9	0	+2
21	−0,621	+ 5,5	− 3,46	− 4,7	0	+1
31	−0,546	+ 9,5	− 3,81	− 2,2	−1	+1
Apr. 10	−0,431	+13,6	− 3,89	+ 0,8	−1	+1
20	−0,275	+17,7	− 3,66	+ 3,9	−2	0
30	−0,078	+21,5	− 3,12	+ 7,0	−2	0
Maj. 10	+0,155	+24,9	− 2,27	+10,1	−2	−1
20	+0,420	+27,9	− 1,11	+13,1	−2	−1
30	+0,712	+30,1	+ 0,34	+15,7	−2	−1
Jun. 9	+1,022	+31,5	+ 2,02	+17,9	−3	−2
19	+1,342	+32,1	+ 3,91	+19,7	−2	−2
29	+1,664	+31,9	+ 5,95	+20,9	−2	−2
Jul. 9	+1,979	+30,8	+ 8,08	+21,6	−2	−2
19	+2,280	+29,0	+10,26	+21,7	−2	−2
29	+2,559	+26,5	+12,42	+21,3	−2	−2
Aug. 8	+2,809	+23,4	+14,52	+20,5	−1	−2
18	+3,026	+19,9	+16,51	+19,2	−1	−2
28	+3,206	+16,1	+18,35	+17,5	0	−2
Sept. 7	+3,348	+12,3	+20,01	+15,6	0	−2
17	+3,451	+ 8,4	+21,47	+13,6	+1	−1
27	+3,516	+ 4,8	+22,72	+11,3	+1	−1
Oct. 7	+3,546	+ 1,4	+23,73	+ 9,0	+2	−1
17	+3,543	− 1,7	+24,52	+ 6,8	+2	0
27	+3,513	− 4,3	+25,08	+ 4,6	+3	0
Nov. 6	+3,458	− 6,5	+25,43	+ 2,4	+3	0
16	+3,384	− 8,2	+25,56	+ 0,3	+4	+1
26	+3,295	− 9,5	+25,48	− 1,7	+4	+1
Dec. 6	+3,194	−10,5	+25,22	− 3,6	+4	+1
16	+3,085	−11,1	+24,77	− 5,4	+4	+1
26	+2,972	−11,3	+24,15	− 6,9	+4	+2
36	+2,859	−11,4	+23,39	− 8,4	+4	+2

	A. R. med.	Decl. med.
1750	0ʰ 0′ 23″,4068	+13° 47′ 33″,914
1751	0 26,4786	47 53,951
1752	0 29,5505	48 13,989
1753	0 32,6225	48 34,026
1754	0 35,6946	48 54,063
1755	0 38,7667	49 14,100
1756	0 41,8390	49 34,137
1757	0 44,9113	49 54,173
1758	0 47,9837	50 14,210
1759	0 51,0562	50 34,246
1760	0 54,1289	50 54,282
1761	0 57,2016	51 14,319
1762	1 0,2745	51 34,355
1763	1 3,3474	51 54,390
1764	1 6,4206	52 14,426
1765	1 9,4937	52 34,462
1766	1 12,5669	52 54,497
1767	1 15,6402	53 14,533
1768	1 18,7136	53 34,568
1769	1 21,7871	53 54,603
1770	1 24,8607	54 14,638

Diei reducto addendum est:

ante } Mart. 20 { + 1
post } Mart. 20 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Arietis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	1 53 9,492	+22 16 8,53	1760	Jan. 1	1 53 40,744	+22 18 51,43
	Apr. 10	9,528	8,23		Apr. 10	40,737	51,89
	Jul. 19	9,555	7,88		Jul. 19	40,740	52,38
	Oct. 27	9,572	7,47		Oct. 27	40,751	52,92
	Dec. 66	9,580	7,01		Dec. 66	40,772	53,49
1751	Jan. 0	1 53 12,920	+22 16 24,69	1761	Jan. 0	1 53 44,108	+22 19 10,79
	Apr. 10	12,921	24,20		Apr. 10	44,135	11,38
	Jul. 19	12,913	23,68		Jul. 19	44,171	11,99
	Oct. 27	12,895	23,12		Oct. 27	44,216	12,62
	Dec. 66	12,867	22,53		Dec. 66	44,269	13,27
1752	Jan. 1	1 53 16,219	+22 16 40,23	1762	Jan. 0	1 53 47,594	+22 19 30,54
	Apr. 10	16,184	39,62		Apr. 10	47,652	31,19
	Jul. 19	16,141	38,98		Jul. 19	47,717	31,85
	Oct. 27	16,089	38,32		Oct. 27	47,789	32,50
	Dec. 66	16,028	37,65		Dec. 66	47,867	33,16
1753	Jan. 0	1 53 19,391	+22 16 55,39	1763	Jan. 0	1 53 51,184	+22 19 50,43
	Apr. 10	19,324	54,71		Apr. 10	51,267	51,08
	Jul. 19	19,251	54,03		Jul. 19	51,354	51,71
	Oct. 27	19,171	53,35		Oct. 27	51,445	52,32
	Dec. 66	19,084	52,68		Dec. 66	51,540	52,91
1754	Jan. 0	1 53 22,456	+22 17 10,41	1764	Jan. 1	1 53 54,854	+22 20 10,20
	Apr. 10	22,364	9,73		Apr. 10	54,950	10,77
	Jul. 19	22,269	9,08		Jul. 19	55,048	11,31
	Oct. 27	22,170	8,48		Oct. 27	55,149	11,81
	Dec. 66	22,066	7,91		Dec. 66	55,251	12,28
1755	Jan. 0	1 53 25,444	+22 17 25,61	1765	Jan. 0	1 53 58,561	+22 20 29,61
	Apr. 10	25,339	25,04		Apr. 10	58,664	30,05
	Jul. 19	25,233	24,52		Jul. 19	58,765	30,44
	Oct. 27	25,127	24,04		Oct. 27	58,865	30,78
	Dec. 66	25,020	23,61		Dec. 66	58,963	31,07
1756	Jan. 1	1 53 28,398	+22 17 41,26	1766	Jan. 0	1 54 2,275	+22 20 48,45
	Apr. 10	28,292	40,86		Apr. 10	2,372	48,71
	Jul. 19	28,188	40,52		Jul. 19	2,464	48,91
	Oct. 27	28,088	40,23		Oct. 27	2,552	49,05
	Dec. 66	27,990	40,00		Dec. 66	2,636	49,13
1757	Jan. 0	1 53 31,365	+22 17 57,58	1767	Jan. 0	1 54 5,954	+22 21 6,59
	Apr. 10	31,270	57,39		Apr. 10	6,034	6,63
	Jul. 19	31,182	57,27		Jul. 19	6,108	6,61
	Oct. 27	31,099	57,21		Oct. 27	6,175	6,54
	Dec. 66	31,022	57,20		Dec. 66	6,235	6,40
1758	Jan. 0	1 53 34,390	+22 18 14,69	1768	Jan. 1	1 54 9,561	+22 21 23,93
	Apr. 10	34,318	14,75		Apr. 10	9,616	23,75
	Jul. 19	34,254	14,87		Jul. 19	9,662	23,52
	Oct. 27	34,198	15,04		Oct. 27	9,700	23,23
	Dec. 66	34,150	15,27		Dec. 66	9,729	22,88
1759	Jan. 0	1 53 37,508	+22 18 32,68	1769	Jan. 0	1 54 13,065	+22 21 40,48
	Apr. 10	37,467	32,95		Apr. 10	13,088	40,10
	Jul. 19	37,435	33,27		Jul. 19	13,102	39,67
	Oct. 27	37,411	33,65		Oct. 27	13,106	39,19
	Dec. 66	37,397	34,08		Dec. 66	13,100	38,67

Tabulae X. Sect. I. α Arietis.

	1760		1760		Var. 10 annor.	
Jan. 0	+0″,530	−10,6	+ 5″,86	− 2,5	+4	+1
10	+0,414	−12,5	+ 5,53	− 4,2	+4	+1
20	+0,281	−13,8	+ 5,03	− 5,8	+4	+1
30	+0,138	−14,5	+ 4,38	− 7,2	+4	+2
Febr. 9	−0,009	−14,5	+ 3,60	− 8,3	+3	+2
19	−0,151	−13,6	+ 2,73	− 9,0	+3	+2
Mart. 1	−0,281	−11,9	+ 1,81	− 9,3	+3	+2
11	−0,388	− 9,2	+ 0,87	− 9,2	+2	+2
21	−0,465	− 5,9	− 0,02	− 8,4	+2	+2
31	−0,505	− 1,9	− 0,81	− 7,2	+1	+2
Apr. 10	−0,502	+ 2,7	− 1,46	− 5,6	0	+2
20	−0,452	+ 7,5	− 1,92	− 3,5	0	+1
30	−0,353	+12,3	− 2,15	− 1,0	−1	+1
Maj. 10	−0,206	+17,0	− 2,11	+ 1,8	−1	0
20	−0,013	+21,4	− 1,80	+ 4,5	−1	0
30	+0,222	+25,3	− 1,21	+ 7,3	−2	−1
Jun. 9	+0,492	+28,4	− 0,34	+10,0	−2	−1
19	+0,790	+30,9	+ 0,78	+12,4	−2	−2
29	+1,109	+32,5	+ 2,13	+14,5	−2	−2
Jul. 9	+1,439	+33,2	+ 3,67	+16,1	−2	−2
19	+1,773	+33,2	+ 5,35	+17,4	−2	−3
29	+2,102	+32,3	+ 7,14	+18,2	−2	−3
Aug. 8	+2,419	+30,8	+ 8,98	+18,5	−2	−4
18	+2,718	+28,7	+10,83	+18,4	−2	−4
28	+2,993	+26,2	+12,65	+17,8	−1	−4
Sept. 7	+3,241	+22,8	+14,39	+16,9	−1	−4
17	+3,459	+19,8	+16,02	+15,7	0	−4
27	+3,646	+17,1	+17,52	+14,3	0	−4
Oct. 7	+3,800	+13,8	+18,88	+12,8	+1	−4
17	+3,922	+10,7	+20,07	+11,0	+2	−4
27	+4,013	+ 7,5	+21,08	+ 9,3	+2	−4
Nov. 6	+4,072	+ 4,4	+21,93	+ 7,6	+3	−4
16	+4,101	+ 1,5	+22,59	+ 5,8	+4	−3
26	+4,101	− 1,4	+23,08	+ 4,0	+4	−3
Dec. 6	+4,073	− 4,2	+23,39	+ 2,3	+5	−3
16	+4,017	− 6,9	+23,53	+ 0,5	+5	−2
26	+3,936	− 9,3	+23,48	− 1,4	+5	−2
36	+3,832	−11,4	+23,25	− 3,1	+6	−2

	A. R. med.	Decl. med.
1750	1h 53′ 8″,4434	+22° 16′ 1″,962
1751	53 11,7850	16 19,478
1752	53 15,1268	16 36,992
1753	53 18,4688	16 54,504
1754	53 21,8110	17 12,013
1755	53 25,1533	17 29,520
1756	53 28,4959	17 47,024
1757	53 31,8387	18 4,526
1758	53 35,1817	18 22,026
1759	53 38,5249	18 39,523
1760	53 41,8682	18 57,018
1761	53 45,2118	19 14,511
1762	53 48,5556	19 32,001
1763	53 51,8996	19 49,488
1764	53 55,2438	20 6,974
1765	53 58,5881	20 24,457
1766	54 1,9327	20 41,937
1767	54 5,2775	20 59,415
1768	54 8,6225	21 16,891
1769	54 11,9677	21 34,364
1770	54 15,3130	21 51,835

Diei reducto addendum est:

ante } Apr. 20 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Ceti.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	2 49 15,462	+ 3 5 41,56	1760	Jan. 1	2 49 44,568	+ 3 7 58,04
	Apr. 10	15,479	41,08		Apr. 10	44,578	58,63
	Jul. 19	15,488	40,56		Jul. 19	44,596	59,25
	Oct. 27	15,488	40,00		Oct. 27	44,623	59,91
	Dec. 66	15,479	39,39		Dec. 66	44,658	8 0,61
1751	Jan. 0	2 49 18,599	+ 3 5 54,30	1761	Jan. 0	2 49 47,762	+ 3 8 15,05
	Apr. 10	18,584	53,67		Apr. 10	47,802	15,75
	Jul. 19	18,560	53,01		Jul. 19	47,850	16,46
	Oct. 27	18,528	52,33		Oct. 27	47,904	17,17
	Dec. 66	18,487	51,62		Dec. 66	47,966	17,88
1752	Jan. 1	2 49 21,618	+ 3 6 6,56	1762	Jan. 0	2 49 51,062	+ 3 8 32,32
	Apr. 10	21,577	5,84		Apr. 10	51,128	33,03
	Jul. 19	21,517	5,12		Jul. 19	51,199	33,72
	Oct. 27	21,454	4,39		Oct. 27	51,275	34,39
	Dec. 66	21,387	3,66		Dec. 66	51,357	35,05
1753	Jan. 0	2 49 24,527	+ 3 6 18,61	1763	Jan. 0	2 49 54,446	+ 3 8 49,51
	Apr. 10	24,454	17,89		Apr. 10	54,529	50,15
	Jul. 19	24,375	17,19		Jul. 19	54,617	50,76
	Oct. 27	24,292	16,51		Oct. 27	54,707	51,33
	Dec. 66	24,203	15,85		Dec. 66	54,799	51,87
1754	Jan. 0	2 49 27,349	+ 3 6 30,77	1764	Jan. 1	2 49 57,885	+ 3 9 6,36
	Apr. 10	27,258	30,13		Apr. 10	57,978	6,87
	Jul. 19	27,164	29,53		Jul. 19	58,072	7,32
	Oct. 27	27,068	28,97		Oct. 27	58,165	7,73
	Dec. 66	26,969	28,46		Dec. 66	58,258	8,09
1755	Jan. 0	2 49 30,119	+ 3 6 43,33	1765	Jan. 0	2 50 1,344	+ 3 9 22,64
	Apr. 10	30,020	42,85		Apr. 10	1,437	22,96
	Jul. 19	29,922	42,43		Jul. 19	1,527	23,22
	Oct. 27	29,826	42,07		Oct. 27	1,614	23,42
	Dec. 66	29,730	41,76		Dec. 66	1,699	23,56
1756	Jan. 1	2 49 32,878	+ 3 6 57,55	1766	Jan. 0	2 50 4,788	+ 3 9 38,18
	Apr. 10	32,784	57,29		Apr. 10	4,871	38,28
	Jul. 19	32,694	57,10		Jul. 19	4,948	38,31
	Oct. 27	32,608	56,98		Oct. 27	5,020	38,28
	Dec. 66	32,526	56,92		Dec. 66	5,086	38,19
1757	Jan. 0	2 49 35,669	+ 3 7 10,62	1767	Jan. 0	2 50 8,182	+ 3 9 52,89
	Apr. 10	35,591	10,61		Apr. 10	8,245	52,75
	Jul. 19	35,519	10,67		Jul. 19	8,301	52,55
	Oct. 27	35,454	10,79		Oct. 27	8,350	52,29
	Dec. 66	35,396	10,98		Dec. 66	8,391	51,96
1758	Jan. 0	2 49 38,531	+ 3 7 25,60	1768	Jan. 1	2 50 11,495	+ 3 10 6,74
	Apr. 10	38,477	25,84		Apr. 10	11,531	6,38
	Jul. 19	38,432	26,13		Jul. 19	11,559	5,96
	Oct. 27	38,395	26,49		Oct. 27	11,579	5,50
	Dec. 66	38,367	26,90		Dec. 66	11,590	4,98
1759	Jan. 0	2 49 41,492	+ 3 7 31,44	1769	Jan. 0	2 50 14,705	+ 3 10 19,81
	Apr. 10	41,469	31,89		Apr. 10	14,710	19,26
	Jul. 19	41,455	32,39		Jul. 19	14,706	18,68
	Oct. 27	41,450	32,95		Oct. 27	14,693	18,05
	Dec. 66	41,454	33,56		Dec. 66	14,671	17,39

Tabulae X. Sect. I. *α Ceti.*

	1760		1760		Var. 10 annor.	
Jan. 0	+0,774	− 7,4	− 0,66	− 7,4	+3	+1
10	+0,687	− 9,9	− 1,33	− 6,9	+3	+1
20	+0,576	−12,1	− 2,03	− 6,1	+3	+1
30	+0,446	−13,7	− 2,60	− 5,3	+3	+1
Febr. 9	+0,303	−14,6	− 3,08	− 4,3	+3	+1
19	+0,155	−14,7	− 3,46	− 3,2	+3	+1
Mart. 1	+0,009	−14,0	− 3,71	− 1,9	+3	+1
11	−0,125	−12,5	− 3,83	− 0,4	+2	0
21	−0,240	−10,1	− 3,79	+ 1,3	+2	0
31	−0,326	− 6,8	− 3,58	+ 3,1	+2	0
Apr. 10	−0,376	− 3,0	− 3,18	+ 5,1	+1	−1
20	−0,386	+ 1,2	− 2,57	+ 7,1	+1	−1
30	−0,352	+ 5,8	− 1,76	+ 9,2	0	−1
Maj. 10	−0,271	+10,3	− 0,74	+11,3	0	−2
20	−0,146	+14,7	+ 0,49	+13,2	−1	−2
30	+0,023	+18,9	+ 1,89	+15,8	−1	−2
Jun. 9	+0,231	+22,5	+ 3,45	+16,3	−1	−3
19	+0,472	+25,5	+ 5,14	+17,3	−2	−3
29	+0,740	+27,9	+ 6,90	+17,8	−2	−3
Jul. 9	+1,029	+29,5	+ 8,69	+17,9	−2	−3
19	+1,329	+30,4	+10,47	+17,4	−2	−3
29	+1,636	+30,6	+12,17	+16,5	−2	−3
Aug. 8	+1,941	+30,0	+13,76	+15,0	−2	−3
18	+2,236	+28,9	+15,17	+13,2	−2	−3
28	+2,518	+27,3	+16,39	+11,0	−2	−3
Sept. 7	+2,782	+25,3	+17,36	+ 8,5	−2	−3
17	+3,024	+23,0	+18,09	+ 6,0	−1	−3
27	+3,242	+20,5	+18,55	+ 3,3	−1	−3
Oct. 7	+3,434	+17,8	+18,75	+ 0,8	−1	−3
17	+3,598	+15,0	+18,71	− 1,5	0	−3
27	+3,734	+12,2	+18,46	− 3,4	0	−3
Nov. 6	+3,841	+ 9,3	+18,03	− 5,1	+1	−3
16	+3,919	+ 6,4	+17,45	− 6,3	+2	−3
26	+3,967	+ 3,4	+16,77	− 7,1	+2	−3
Dec. 6	+3,985	+ 0,4	+16,03	− 7,6	+3	−2
16	+3,974	− 2,7	+15,25	− 7,8	+3	−2
26	+3,932	− 5,7	+14,48	− 7,6	+3	−2
36	+3,861	− 8,4	+13,74	− 7,2	+4	−2

	A. R. med.	Decl. med.
1750	2h 49′ 14″,4458	+ 3° 5′ 35″,580
1751	49 17,5618	5 50,290
1752	49 20,6779	6 4,997
1753	49 23,7941	6 19,701
1754	49 26,9104	6 34,402
1755	49 30,0266	6 49,100
1756	49 33,1431	7 4,795
1757	49 36,2597	7 18,486
1758	49 39,3764	7 33,174
1759	49 42,4931	7 47,859
1760	49 45,6099	8 2,541
1761	49 48,7268	8 17,220
1762	49 51,8438	8 31,895
1763	49 54,9609	8 46,568
1764	49 58,0781	9 1,237
1765	50 1,1956	9 15,903
1766	50 4,3130	9 30,566
1767	50 7,4305	9 45,226
1768	50 10,5481	9 59,882
1769	50 13,6658	10 14,536
1770	50 16,7837	10 29,186

Diei reducto addendum est:

ante	Maj. 5	+ 1
post	Maj. 5	+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	4 21 37,442	+15 59 0,24	1760	Jan. 1	4 22 9,414	+16 0 15,27
	Apr. 10	37,465	58 59,54		Apr. 10	9,422	16,05
	Jul. 19	37,479	58,81		Jul. 19	9,437	16,84
	Oct. 27	37,483	58,05		Oct. 27	9,462	17,63
	Dec. 66	37,477	57,27		Dec. 66	9,496	18,42
1751	Jan. 0	4 21 40,902	+15 59 5,71	1761	Jan. 0	4 22 12,907	+16 0 26,28
	Apr. 10	40,889	4,91		Apr. 10	12,947	27,07
	Jul. 19	40,867	4,12		Jul. 19	12,996	27,83
	Oct. 27	40,835	3,33		Oct. 27	13,052	28,58
	Dec. 66	40,794	2,53		Dec. 66	13,117	29,31
1752	Jan. 1	4 21 44,231	+15 59 10,96	1762	Jan. 0	4 22 16,517	+16 0 37,19
	Apr. 10	44,184	10,17		Apr. 10	16,585	37,89
	Jul. 19	44,128	9,41		Jul. 19	16,662	38,56
	Oct. 27	44,064	8,66		Oct. 27	16,744	39,18
	Dec. 66	43,991	7,94		Dec. 66	16,831	39,76
1753	Jan. 0	4 21 47,438	+15 59 16,35	1763	Jan. 0	4 22 20,224	+16 0 47,69
	Apr. 10	47,361	15,65		Apr. 10	20,314	48,24
	Jul. 19	47,277	15,00		Jul. 19	20,408	48,73
	Oct. 27	47,187	14,40		Oct. 27	20,505	49,17
	Dec. 66	47,092	13,84		Dec. 66	20,606	49,55
1754	Jan. 0	4 21 50,547	+15 59 22,18	1764	Jan. 1	4 22 23,995	+16 0 57,54
	Apr. 10	50,448	21,66		Apr. 10	24,097	57,88
	Jul. 19	50,346	21,21		Jul. 19	24,199	58,15
	Oct. 27	50,242	20,82		Oct. 27	24,301	58,35
	Dec. 66	50,135	20,50		Dec. 66	24,404	58,48
1755	Jan. 0	4 21 53,593	+15 59 28,75	1765	Jan. 0	4 22 27,793	+16 1 6,56
	Apr. 10	53,486	28,47		Apr. 10	27,895	6,64
	Jul. 19	53,379	28,27		Jul. 19	27,995	6,66
	Oct. 27	53,271	28,14		Oct. 27	28,092	6,60
	Dec. 66	53,164	28,09		Dec. 66	28,187	6,48
1756	Jan. 1	4 21 56,622	+15 59 36,26	1766	Jan. 0	4 22 31,579	+16 1 14,64
	Apr. 10	56,517	36,26		Apr. 10	31,671	14,47
	Jul. 19	56,416	36,33		Jul. 19	31,758	14,23
	Oct. 27	56,320	36,48		Oct. 27	31,840	13,93
	Dec. 66	56,228	36,70		Dec. 66	31,916	13,56
1757	Jan. 0	4 21 59,681	+15 59 44,76	1767	Jan. 0	4 22 35,314	+16 1 21,79
	Apr. 10	59,592	45,03		Apr. 10	35,386	21,38
	Jul. 19	59,511	45,37		Jul. 19	35,451	20,91
	Oct. 27	59,436	45,78		Oct. 27	35,507	20,38
	Dec. 66	59,369	46,25		Dec. 66	35,556	19,80
1758	Jan. 0	4 22 2,813	+15 59 54,23	1768	Jan. 1	4 22 38,964	+16 1 28,10
	Apr. 10	2,750	54,74		Apr. 10	39,008	27,4[illegible]
	Jul. 19	2,696	55,30		Jul. 19	39,042	26,[illegible]
	Oct. 27	2,652	55,91		Oct. 27	39,068	26,14
	Dec. 66	2,618	56,57		Dec. 66	39,083	25,41
1759	Jan. 0	4 22 6,051	+16 0 4,48	1769	Jan. 0	4 22 42,503	+16 1 33,75
	Apr. 10	6,022	5,17		Apr. 10	42,512	33,00
	Jul. 19	6,002	5,88		Jul. 19	42,512	32,23
	Oct. 27	5,993	6,63		Oct. 27	42,502	31,45
	Dec. 66	5,993	7,40		Dec. 66	42,483	30,65

Tabulae X. Sect. I. *α Tauri.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
Jan. 0	+1″,202	− 0,7	+ 1″,33	− 2,5	+2	−1	1750	4ʰ 21′ 36″,3366	+15° 58′ 55″,972
10	+1,175	− 4,8	+ 1,08	− 2,5	+2	−1	1751	21 39.7583	59 4,147
20	+1,107	− 8,6	+ 0,83	− 2,6	+3	−1	1752	21 43,1801	59 12,317
30	+1,004	−11,8	+ 0,57	− 2,7	+3	0	1753	21 46,6020	59 20,483
Febr. 9	+0,871	−14,5	+ 0,30	− 2,7	+3	0	1754	21 50,0240	59 28,645
							1755	21 53,4460	59 36,800
19	+0,714	−16,4	+ 0,03	− 2,8	+3	0	1756	21 56,8683	59 44,953
Mart. 1	+0,544	−17,2	− 0,25	− 2,8	+4	0	1757	22 0,2906	59 53,101
11	+0,371	−17,0	− 0,53	− 2,8	+3	0	1758	22 3,7130	+16 0 1,244
21	+0,205	−15,7	− 0,80	− 2,5	+3	0	1759	22 7,1356	0 9,382
31	+0,057	−13,5	− 1,03	− 2,1	+3	0	1760	22 10,5583	0 17,516
							1761	22 13,9811	0 25,645
Apr. 10	−0,064	−10,3	− 1,21	− 1,4	+3	0	1762	22 17,4040	0 33,770
20	−0,149	− 6,5	− 1,31	− 0,5	+2	0	1763	22 20,8270	0 41,890
30	−0,194	− 2,2	− 1,31	+ 0,6	+2	0	1764	22 24,2501	0 50,005
Maj. 10	−0,193	+ 2,5	− 1,19	+ 1,9	+1	0	1765	22 27,6732	0 58,116
20	−0,145	+ 7,2	− 0,93	+ 3,4	+1	0	1766	22 31,0965	1 6,222
							1767	22 34,5199	1 14,324
30	−0,050	+11,8	− 0,52	+ 4,9	0	0	1768	22 37,9434	1 22,421
Jun. 9	+0,091	+16,1	+ 0,04	+ 6,3	0	−1	1769	22 41,3670	1 30,513
19	+0,272	+20,0	+ 0,74	+ 7,6	−1	−1	1770	22 44,7909	1 38,601
29	+0,490	+23,4	+ 1,56	+ 8,8	−1	−1			
Jul. 9	+0,739	+26,1	+ 2,50	+ 9,8	−2	−2			
19	+1,011	+28,2	+ 3,51	+10,3	−2	−2			
29	+1,302	+29,7	+ 4,55	+10,5	−2	−3			
Aug. 8	+1,604	+30,5	+ 5,60	+10,4	−2	−3			
18	+1,911	+30,8	+ 6,62	+ 9,8	−2	−3			
28	+2,219	+30,6	+ 7,56	+ 8,9	−2	−4			
Sept. 7	+2,522	+29,9	+ 8,40	+ 7,8	−2	−4			
17	+2,817	+29,0	+ 9,12	+ 6,5	−2	−4			
27	+3,101	+27,7	+ 9,69	+ 5,0	−2	−5			
Oct. 7	+3,370	+26,0	+10,11	+ 3,5	−2	−5			
17	+3,621	+24,1	+10,38	+ 2,1	−1	−5			
27	+3,851	+21,9	+10,52	+ 0,8	−1	−5			
Nov. 6	+4,058	+19,4	+10,54	− 0,3	0	−5			
16	+4,238	+16,5	+10,46	− 1,2	0	−5			
26	+4,388	+13,3	+10,30	− 1,8	+1	−6			
Dec. 6	+4,503	+ 9,7	+10,10	− 2,2	+2	−6			
16	+4,582	+ 5,9	+ 9,87	− 2,4	+2	−6			
26	+4,621	+ 1,9	+ 9,62	− 2,5	+3	−5			
36	+4,619	− 2,2	+ 9,37	− 2,5	+3	−5			

Diei reducto addendum est:

ante } Maj. 28 { + 1
post } Maj. 28 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Aurigae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	4 58 17,401	+45 42 43,65	1760	Jan. 1	4 58 58,532	+45 43 27,93
	Apr. 10	17,437	42,91		Apr. 10	58,534	28,75
	Jul. 19	17,461	42,14		Jul. 19	58,548	29,56
	Oct. 27	17,473	41,34		Oct. 27	58,574	30,36
	Dec. 66	17,472	40,52		Dec. 66	58,613	31,16
1751	Jan. 0	4 58 21,874	+45 42 45,71	1761	Jan. 0	4 59 3,001	+45 43 35,74
	Apr. 10	21,864	44,89		Apr. 10	3,047	36,53
	Jul. 19	21,842	44,07		Jul. 19	3,104	37,29
	Oct. 27	21,808	43,77		Oct. 27	3,172	38,01
	Dec. 66	21,761	42,47		Dec. 66	3,250	38,71
1752	Jan. 1	4 58 26,178	+45 42 47,64	1762	Jan. 0	4 59 7,625	+45 43 43,32
	Apr. 10	26,123	46,86		Apr. 10	7,710	43,99
	Jul. 19	26,057	46,11		Jul. 19	7,802	44,62
	Oct. 27	25,980	45,39		Oct. 27	7,903	45,19
	Dec. 66	25,891	44,70		Dec. 66	8,012	45,71
1753	Jan. 0	4 58 30,323	+45 42 49,83	1763	Jan. 0	4 59 12,377	+45 43 50,38
	Apr. 10	30,228	49,17		Apr. 10	12,491	50,87
	Jul. 19	30,124	48,58		Jul. 19	12,609	51,29
	Oct. 27	30,013	48,03		Oct. 27	12,732	51,65
	Dec. 66	29,893	47,54		Dec. 66	12,859	51,94
1754	Jan. 0	4 58 34,334	+45 42 52,59	1764	Jan. 1	4 59 17,219	+45 43 56,68
	Apr. 10	34,210	52,13		Apr. 10	17,349	56,93
	Jul. 19	34,081	51,77		Jul. 19	17,480	57,11
	Oct. 27	33,948	51,47		Oct. 27	17,612	57,22
	Dec. 66	33,811	51,24		Dec. 66	17,745	57,26
1755	Jan. 0	4 58 38,258	+45 42 56,19	1765	Jan. 0	4 59 22,103	+45 44 2,08
	Apr. 10	38,119	56,01		Apr. 10	22,236	2,07
	Jul. 19	37,981	55,91		Jul. 19	22,366	1,98
	Oct. 27	37,843	55,88		Oct. 27	22,495	1,83
	Dec. 66	37,705	55,93		Dec. 66	22,617	1,60
1756	Jan. 1	4 58 42,152	+45 43 0,79	1766	Jan. 0	4 59 26,979	+45 44 6,51
	Apr. 10	42,016	0,89		Apr. 10	27,101	6,24
	Jul. 19	41,884	1,07		Jul. 19	27,216	5,90
	Oct. 27	41,757	1,32		Oct. 27	27,325	5,50
	Dec. 66	41,635	1,65		Dec. 66	27,427	5,03
1757	Jan. 0	4 58 46,076	+45 43 6,40	1767	Jan. 0	4 59 31,797	+45 44 10,00
	Apr. 10	45,958	6,78		Apr. 10	31,894	9,50
	Jul. 19	45,849	7,22		Jul. 19	31,982	8,94
	Oct. 27	45,749	7,72		Oct. 27	32,061	8,33
	Dec. 66	45,657	8,28		Dec. 66	32,130	7,67
1758	Jan. 0	4 58 50,088	+45 43 12,96	1768	Jan. 1	4 59 36,511	+45 44 12,70
	Apr. 10	50,002	13,56		Apr. 10	36,573	12,01
	Jul. 19	49,928	14,20		Jul. 19	36,623	11,29
	Oct. 27	49,865	14,88		Oct. 27	36,662	10,54
	Dec. 66	49,813	15,61		Dec. 66	36,689	9,76
1759	Jan. 0	4 58 54,231	+45 43 20,23	1769	Jan. 0	4 59 41,085	+45 44 14,82
	Apr. 10	54,187	20,98		Apr. 10	41,104	14,02
	Jul. 19	54,155	21,75		Jul. 19	41,110	13,22
	Oct. 27	54,136	22,54		Oct. 27	41,103	12,40
	Dec. 66	54,129	23,35		Dec. 66	41,084	11,58

Tabulae X. Sect. I. *α Aurigae.*

	1760		1760		Var. 10 annor.	
Jan. 0	+1″,805	+ 2,1	+4″,45	+13,9	+3	− 4
10	+1,796	− 3,9	+5,79	+12,7	+4	− 4
20	+1,728	− 9,7	+6,98	+11,0	+5	− 4
30	+1,603	−15,0	+7,98	+ 8,8	+5	− 3
Febr. 9	+1,429	−19,4	+8,73	+ 6,1	+6	− 3
19	+1,216	−22,6	+9,20	+ 3,3	+6	− 2
Mart. 1	+0,977	−24,5	+9,38	+ 0,2	+6	− 1
11	+0,727	−25,0	+9,24	− 2,9	+6	0
21	+0,478	−24,0	+8,81	− 5,7	+6	0
31	+0,247	−21,6	+8,11	− 8,3	+6	+ 1
Apr. 10	+0,046	−18,0	+7,16	−10,5	+5	+ 1
20	−0,112	−13,3	+6,02	−12,1	+4	+ 2
30	−0,220	− 7,9	+4,75	−13,2	+4	+ 2
Maj. 10	−0,270	− 1,9	+3,39	−13,7	+3	+ 2
20	−0,257	+ 4,4	+2,01	−13,7	+2	+ 2
30	−0,183	+10,5	+0,66	−13,1	+1	+ 2
Jun. 9	−0,047	+16,5	−0,61	−12,1	0	+ 2
19	+0,146	+21,9	−1,76	−10,6	−1	+ 2
29	+0,390	+26,8	−2,73	− 8,9	−2	+ 1
Jul. 9	+0,681	+31,0	−3,54	− 7,1	−2	0
19	+1,010	+34,4	−4,14	− 5,0	−3	0
29	+1,369	+37,1	−4,54	− 3,0	−3	− 1
Aug. 8	+1,752	+39,1	−4,73	− 0,9	−4	− 2
18	+2,150	+40,3	−4,72	+ 1,1	−4	− 3
28	+2,557	+40,9	−4,52	+ 2,9	−4	− 4
Sept. 7	+2,968	+41,0	−4,14	+ 4,7	−4	− 5
17	+3,376	+40,5	−3,59	+ 6,3	−4	− 5
27	+3,777	+39,5	−2,89	+ 7,8	−4	− 6
Oct. 7	+4,166	+38,0	−2,04	+ 9,2	−3	− 7
17	+4,537	+36,0	−1,05	+10,5	−3	− 8
27	+4,886	+33,6	+0,06	+11,7	−2	− 9
Nov. 6	+5,208	+30,5	+1,28	+12,8	−1	− 9
16	+5,495	+26,8	+2,61	+13,7	0	−10
26	+5,743	+22,4	+4,01	+14,3	+1	−10
Dec. 6	+5,943	+17,5	+5,47	+14,8	+2	−11
16	+6,092	+11,9	+6,96	+14,8	+3	−11
26	+6,181	+ 6,0	+8,42	+14,4	+4	−11
36	+6,211	− 0,1	+9,83	+14,0	+5	−10

	A. R. med.	Decl. med.
1750	4h 58′ 15″,9950	+45° 42′ 40″,302
1751	58 20,3952	42 45,214
1752	58 24,7956	42 50,120
1753	58 29,1962	42 55,019
1754	58 33,5970	42 59,913
1755	58 37,9980	43 4,800
1756	58 42,3992	43 9,681
1757	58 46,8005	43 14,555
1758	58 51,2020	43 19,424
1759	58 55,6037	43 24,286
1760	59 0,0056	43 29,142
1761	59 4,4077	43 33,992
1762	59 8,8100	43 38,835
1763	69 13,2124	43 43,673
1764	59 17,6150	43 48,504
1765	59 22,0178	43 53,329
1766	59 26,4208	43 58,148
1767	59 30,8240	44 2,960
1768	59 35,2274	44 7,766
1769	59 39,6309	44 12,566
1770	59 44,0346	44 17,360

Diei reducto addendum est:

ante } Jun. 6 { + 1
post } Jun. 6 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *β Orionis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	5 2 33,009	— 8 30 37,33	1760	Jan. 1	5 2 59,860	— 8 29 52,40
	Apr. 10	33,021	38,10		Apr. 10	59,873	51,58
	Jul. 19	33,025	38,88		Jul. 19	59,894	50,77
	Oct. 27	33,021	39,68		Oct. 27	59,922	49,97
	Dec. 66	33,008	40,50		Dec. 66	59,958	49,17
1751	Jan. 0	5 2 35,889	— 8 30 35,28	1761	Jan. 0	5 3 2,821	— 8 29 44,53
	Apr. 10	35,871	36,10		Apr. 10	2,862	43,75
	Jul. 19	35,845	36,92		Jul. 19	2,909	42,99
	Oct. 27	35,811	37,72		Oct. 27	2,963	42,27
	Dec. 66	35,769	38,52		Dec. 66	3,023	41,58
1752	Jan. 1	5 2 38,660	— 8 30 33,31	1762	Jan. 0	5 3 5,878	— 8 29 36,90
	Apr. 10	38,613	34,09		Apr. 10	5,942	36,24
	Jul. 19	38,560	34,84		Jul. 19	6,010	35,62
	Oct. 27	38,500	35,55		Oct. 27	6,082	35,06
	Dec. 66	38,434	36,23		Dec. 66	6,159	34,54
1753	Jan. 0	5 2 41,332	— 8 30 31,07	1763	Jan. 0	5 3 9,009	— 8 29 29,81
	Apr. 10	41,262	31,72		Apr. 10	9,088	29,33
	Jul. 19	41,187	32,31		Jul. 19	9,170	28,92
	Oct. 27	41,108	32,85		Oct. 27	9,254	28,57
	Dec. 66	41,024	33,33		Dec. 66	9,339	28,28
1754	Jan. 0	5 2 43,928	— 8 30 28,24	1764	Jan. 1	5 3 12,186	— 8 29 23,47
	Apr. 10	43,843	28,68		Apr. 10	12,273	23,23
	Jul. 19	43,756	29,04		Jul. 19	12,359	23,07
	Oct. 27	43,666	29,33		Oct. 27	12,445	22,97
	Dec. 66	43,574	29,55		Dec. 66	12,530	22,94
1755	Jan. 0	5 2 46,480	— 8 30 24,56	1765	Jan. 0	5 3 15,378	— 8 29 18,05
	Apr. 10	46,389	24,73		Apr. 10	15,462	18,07
	Jul. 19	46,299	24,82		Jul. 19	15,544	18,17
	Oct. 27	46,210	24,82		Oct. 27	15,623	18,33
	Dec. 66	46,123	24,74		Dec. 66	15,699	18,57
1756	Jan. 1	5 2 49,028	— 8 30 19,88	1766	Jan. 0	5 3 18,550	— 8 29 13,60
	Apr. 10	48,942	19,76		Apr. 10	18,624	13,88
	Jul. 19	48,861	19,57		Jul. 19	18,693	14,22
	Oct. 27	48,783	19,31		Oct. 27	18,756	14,64
	Dec. 66	48,710	18,97		Dec. 66	18,815	15,12
1757	Jan. 0	5 2 51,610	— 8 30 14,17	1767	Jan. 0	5 3 21,672	— 8 29 10,07
	Apr. 10	51,540	13,78		Apr. 10	21,727	10,58
	Jul. 19	51,477	13,33		Jul. 19	21,775	11,15
	Oct. 27	51,420	12,82		Oct. 27	21,816	11,76
	Dec. 66	51,369	12,25		Dec. 66	21,851	12,43
1758	Jan. 0	5 2 54,261	— 8 30 7,53	1768	Jan. 1	5 3 24,716	— 8 29 7,33
	Apr. 10	54,215	6,92		Apr. 10	24,745	8,02
	Jul. 19	54,177	6,27		Jul. 19	24,767	8,75
	Oct. 27	54,147	5,58		Oct. 27	24,781	9,51
	Dec. 66	54,125	4,85		Dec. 66	24,787	10,29
1759	Jan. 0	5 2 57,007	— 8 30 0,18	1769	Jan. 0	5 3 27,662	— 8 29 5,15
	Apr. 10	56,990	29 59,45		Apr. 10	27,663	5,95
	Jul. 19	56,981	58,69		Jul. 19	27,655	6,76
	Oct. 27	56,980	58,88		Oct. 27	27,639	7,58
	Dec. 66	56,988	57,04		Dec. 66	27,615	8,40

Tabulae X. Sect. I. *β Orionis.*

	1760		1760		Var. 10 annor.	
Jan. 0	+1″,274	+ 1,2	− 2″,97	−15,9	+1	+1
10	+1,264	− 3,1	− 4,49	−14,4	+2	+1
20	+1,213	− 7,1	− 5,84	−12,4	+2	+1
30	+1,123	−10,7	− 6,97	−10,2	+2	0
Febr. 9	+0,999	−13,8	− 7,87	− 7,8	+3	0
19	+0,848	−16,1	− 8,53	− 5,4	+3	0
Mart. 1	+0,677	−17,6	− 8,94	− 2,9	+3	0
11	+0,497	−18,0	− 9,10	− 0,4	+3	0
21	+0,317	−17,5	− 9,01	+ 2,2	+3	−1
31	+0,148	−16,0	− 8,67	+ 4,6	+3	−1
Apr. 10	−0,002	−13,6	− 8,09	+ 7,1	+2	−1
20	−0,123	−10,5	− 7,26	+ 9,4	+2	−1
30	−0,211	− 6,8	− 6,21	+11,7	+2	−1
Maj. 10	−0,258	− 2,6	− 4,93	+13,8	+1	−2
20	−0,262	+ 1,8	− 3,46	+15,6	+1	−2
30	−0,223	+ 6,1	− 1,81	+17,2	+1	−2
Jun. 9	−0,141	+10,3	− 0,03	+18,5	0	−2
19	−0,017	+14,3	+ 1,88	+19,2	0	−3
29	+0,144	+17,8	+ 3,81	+19,4	−1	−3
Jul. 9	+0,339	+20,9	+ 5,76	+19,3	−1	−3
19	+0,562	+23,5	+ 7,66	+18,4	−1	−3
29	+0,809	+25,6	+ 9,44	+17,0	−2	−3
Aug. 8	+1,073	+27,1	+11,05	+15,0	−2	−3
18	+1,350	+28,0	+12,43	+12,4	−2	−3
28	+1,633	+28,5	+13,52	+ 9,3	−2	−3
Sept. 7	+1,919	+28,6	+14,29	+ 5,9	−2	−3
17	+2,205	+28,3	+14,70	+ 2,3	−2	−3
27	+2,484	+27,5	+14,74	− 1,5	−2	−3
Oct. 7	+2,755	+26,5	+14,41	− 5,1	−2	−3
17	+3,013	+25,0	+13,72	− 8,6	−2	−3
27	+3,254	+23,1	+12,70	−11,6	−1	−3
Nov. 6	+3,475	+20,9	+11,40	−14,1	−1	−3
16	+3,672	+18,3	+ 9,88	−16,0	−1	−3
26	+3,841	+15,2	+ 8,21	−17,2	0	−3
Dec. 6	+3,976	+11,7	+ 6,45	−17,7	0	−3
16	+4,075	+ 7,9	+ 4,68	−17,5	+1	−3
26	+4,134	+ 3,8	+ 2,96	−16,7	+1	−3
36	+4,151	− 0,4	+ 1,35	−15,4	+2	−3

	A. R. med.	Decl. med.
1750	5h 2′ 32″,0629	− 8° 30′ 40″,595
1751	2 34,9382	30 35,648
1752	2 37,8136	30 30,705
1753	2 40,6890	30 25,766
1754	2 43,5644	30 20,831
1755	2 46,4400	30 15,900
1756	2 49,3154	30 10,973
1757	2 52,1910	30 6,051
1758	2 55,0666	30 1,133
1759	2 57,9423	29 56,219
1760	3 0,8180	29 51,308
1761	3 3,6937	29 46,402
1762	3 6,5695	29 41,500
1763	3 9,4453	29 36,602
1764	3 12,3212	29 31,708
1765	3 15,1972	29 26,818
1766	3 18,0732	29 21,934
1767	3 20,9492	29 17,053
1768	3 23,8253	29 12,176
1769	3 26,7014	29 7,303
1770	3 29,5774	29 2,433

Diei reducto addendum est:

ante } Jun. 7 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *β Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	5 10 31,673	+28 22 10,38	1760	Jan. 1	5 11 6,982	+28 22 47,09
	Apr. 10	31,698	9,60		Apr. 10	6,990	47,91
	Jul. 19	31,712	8,80		Jul. 19	7,009	48,72
	Oct. 27	31,715	7,99		Oct. 27	7,038	49,53
	Dec. 66	31,708	7,17		Dec. 66	7,077	50,32
1751	Jan. 0	5 10 35,491	+28 22 11,54	1761	Jan. 0	5 11 10,843	+28 22 54,09
	Apr. 10	35,476	10,71		Apr. 10	10,889	54,87
	Jul. 19	35,451	9,90		Jul. 19	10,943	55,62
	Oct. 27	35,415	9,09		Oct. 27	11,007	56,34
	Dec. 66	35,369	8,30		Dec. 66	11,078	57,02
1752	Jan. 1	5 10 39,164	+28 22 12,65	1762	Jan. 0	5 11 14,833	+28 23 0,83
	Apr. 10	39,111	11,87		Apr. 10	14,910	1,48
	Jul. 19	39,049	11,13		Jul. 19	14,994	2,09
	Oct. 27	38,978	10,43		Oct. 27	15,084	2,64
	Dec. 66	38,897	9,76		Dec. 66	15,181	3,14
1753	Jan. 0	5 10 42,704	+28 22 14,05	1763	Jan. 0	5 11 18,928	+28 23 7,00
	Apr. 10	42,618	13,42		Apr. 10	19,028	7,46
	Jul. 19	42,525	12,84		Jul. 19	19,132	7,86
	Oct. 27	42,226	12,32		Oct. 27	19,240	8,19
	Dec. 66	42,320	11,85		Dec. 66	19,351	8,46
1754	Jan. 0	5 10 46,135	+28 22 16,07	1764	Jan. 1	5 11 23,094	+28 23 12,40
	Apr. 10	46,026	15,65		Apr. 10	23,206	12,61
	Jul. 19	45,914	15,31		Jul. 19	23,319	12,76
	Oct. 27	45,798	15,03		Oct. 27	23,432	12,84
	Dec. 66	45,680	14,83		Dec. 66	23,545	12,85
1755	Jan. 0	5 10 49,499	+28 22 18,96	1765	Jan. 0	5 11 27,288	+28 23 16,86
	Apr. 10	49,380	18,81		Apr. 10	27,401	16,82
	Jul. 19	49,261	18,74		Jul. 19	27,511	16,71
	Oct. 27	49,143	18,75		Oct. 27	27,618	16,52
	Dec. 66	49,026	18,83		Dec. 66	27,722	16,26
1756	Jan. 1	5 10 52,845	+28 22 22,85	1766	Jan. 0	5 11 31,468	+28 23 20,36
	Apr. 10	52,730	22,99		Apr. 10	31,569	20,06
	Jul. 19	52,619	23,20		Jul. 19	31,664	19,69
	Oct. 27	52,513	23,49		Oct. 27	31,754	19,26
	Dec. 66	52,411	23,85		Dec. 66	31,837	18,76
1757	Jan. 0	5 10 56,224	+28 22 27,77	1767	Jan. 0	5 11 35,590	+28 23 22,94
	Apr. 10	56,127	28,18		Apr. 10	35,670	22,40
	Jul. 19	56,038	28,65		Jul. 19	35,740	21,82
	Oct. 27	55,956	29,18		Oct. 27	35,802	21,18
	Dec. 66	55,882	29,77		Dec. 66	35,855	20,50
1758	Jan. 0	5 10 59,686	+28 22 33,62	1768	Jan. 1	5 11 39,619	+28 23 24,73
	Apr. 10	59,618	34,25		Apr. 10	39,666	24,02
	Jul. 19	59,560	34,92		Jul. 19	39,703	23,28
	Oct. 27	59,512	35,62		Oct. 27	39,730	22,51
	Dec. 66	59,473	36,37		Dec. 66	39,746	21,72
1759	Jan. 0	5 11 3,265	+28 22 40,16	1769	Jan. 0	5 11 43,523	+28 23 25,98
	Apr. 10	3,234	40,93		Apr. 10	43,532	25,17
	Jul. 19	3,213	41,71		Jul. 19	43,531	24,36
	Oct. 27	3,203	42,51		Oct. 27	43,519	23,54
	Dec. 66	3,204	43,33		Dec. 66	43,496	22,71

Tabulae X. Sect. I. *β Tauri.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	+1,462	+ 4,0	+ 1,76	+ 4,2	+1	−2	1750	5 10 30,4504	+23 22 7,317
10	+1,477	− 1,0	+ 2,17	+ 4,0	+2	−2	1751	10 34,2295	22 11,405
20	+1,443	− 5,7	+ 2,55	+ 3,6	+3	−2	1752	10 38,0087	22 15,487
30	+1,363	−10,2	+ 2,88	+ 2,9	+3	−2	1753	10 41,7880	22 19,564
Febr. 9	+1,240	−13,9	+ 3,13	+ 2,0	+4	−2	1754	10 45,5673	22 23,635
							1755	10 49,3467	22 27,701
19	+1,085	−16,8	+ 3,27	+ 0,9	+4	−1	1756	10 53,1262	22 31,762
Mart. 1	+0,905	−18,7	+ 3,30	− 0,4	+4	−1	1757	10 56,9058	22 35,817
11	+0,712	−19,4	+ 3,20	− 1,6	+4	−1	1758	11 0,6855	22 39,867
21	+0,518	−18,9	+ 2,98	− 2,8	+4	0	1759	11 4,4653	22 43,911
31	+0,335	−17,2	+ 2,64	− 3,8	+4	0	1760	11 8,2452	22 47,949
							1761	11 12,0252	22 51,983
Apr. 10	+0,175	−14,5	+ 2,22	− 4,5	+4	0	1762	11 15,8052	22 56,011
20	+0,046	−10,9	+ 1,74	− 5,0	+3	+1	1763	11 19,5853	23 0,034
30	−0,043	− 6,7	+ 1,23	− 5,1	+3	+1	1764	11 23,3655	23 4,051
Maj. 10	−0,087	− 2,0	+ 0,72	− 4,9	+2	+1	1765	11 27,1459	23 8,063
20	−0,082	+ 3,1	+ 0,25	− 4,4	+2	+1	1766	11 30,9263	23 12,070
							1767	11 34,7068	23 16,071
30	−0,026	+ 8,0	− 0,15	− 3,6	+1	+1	1768	11 38,4874	23 20,067
Jun. 9	+0,078	+12,8	− 0,46	− 2,6	0	0	1769	11 42,2681	23 24,057
19	+0,229	+17,2	− 0,66	− 1,5	0	0	1770	11 46,0488	23 28,041
29	+0,422	+21,2	− 0,75	− 0,3	−1	0			
Jul. 9	+0,652	+24,6	− 0,71	+ 0,9	−1	−1			
19	+0,913	+27,4	− 0,57	+ 1,9	−2	−1			
29	+1,200	+29,7	− 0,33	+ 2,8	−2	−2			
Aug. 8	+1,506	+31,3	− 0,01	+ 3,6	−3	−2			
18	+1,825	+32,3	+ 0,38	+ 4,1	−3	−3			
28	+2,152	+33,0	+ 0,80	+ 4,3	−3	−3			
Sept. 7	+2,484	+33,1	+ 1,24	+ 4,4	−3	−4			
17	+2,814	+32,8	+ 1,67	+ 4,3	−3	−4			
27	+3,140	+32,2	+ 2,09	+ 4,2	−3	−5			
Oct. 7	+3,458	+31,3	+ 2,50	+ 4,0	−3	−6			
17	+3,765	+29,9	+ 2,88	+ 3,7	−2	−6			
27	+4,056	+28,1	+ 3,24	+ 3,6	−2	−6			
Nov. 6	+4,327	+25,9	+ 3,59	+ 3,6	−2	−7			
16	+4,574	+23,2	+ 3,95	+ 3,7	−1	−7			
26	+4,790	+19,9	+ 4,32	+ 3,8	0	−7			
Dec. 6	+4,971	+16,1	+ 4,70	+ 4,0	0	−8			
16	+5,111	+11,8	+ 5,11	+ 4,2	+1	−8			
26	+5,206	+ 7,1	+ 5,53	+ 4,2	+2	−8			
36	+5,253	+ 2,2	+ 5,95	+ 4,1	+3	−8			

Diei reducto addendum est:

ante } Jun. 9 { + 1
post } Jun. 9 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Orionis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	5 41 39,712	+ 7 20 12,58	1760	Jan. 1	5 42 10,002	+ 7 20 26,16
	Apr. 10	39,728	11,77		Apr. 10	10,014	26,99
	Jul. 19	39,735	10,96		Jul. 19	10,034	27,80
	Oct. 27	39,733	10,14		Oct. 27	10,064	28,59
	Dec. 66	39,722	9,31		Dec. 66	10,102	29,37
1751	Jan. 0	5 41 42,970	+ 7 20 11,18	1761	Jan. 0	5 42 13,331	+ 7 20 30,67
	Apr. 10	42,952	10,35		Apr. 10	13,375	31,42
	Jul. 19	42,926	9,54		Jul. 19	13,426	32,14
	Oct. 27	42,891	8,75		Oct. 27	13,484	32,82
	Dec. 66	42,847	7,98		Dec. 66	13,549	33,47
1752	Jan. 1	5 41 46,105	+ 7 20 9,83	1762	Jan. 0	5 42 16,770	+ 7 20 34,80
	Apr. 10	46,055	9,08		Apr. 10	16,840	35,41
	Jul. 19	45,998	8,38		Jul. 19	16,915	35,96
	Oct. 27	45,933	7,71		Oct. 27	16,995	36,45
	Dec. 66	45,860	7,09		Dec. 66	17,080	36,89
1753	Jan. 0	5 41 49,128	+ 7 20 8,88	1763	Jan. 0	5 42 20,295	+ 7 20 38,29
	Apr. 10	49,051	8,30		Apr. 10	20,383	38,69
	Jul. 19	48,963	7,78		Jul. 19	20,474	39,02
	Oct. 27	48,881	7,32		Oct. 27	20,568	39,27
	Dec. 66	48,788	6,93		Dec. 66	20,664	39,46
1754	Jan. 0	5 41 52,062	+ 7 20 8,64	1764	Jan. 1	5 42 23,875	+ 7 20 40,94
	Apr. 10	51,967	8,29		Apr. 10	23,972	41,09
	Jul. 19	51,869	8,02		Jul. 19	24,069	41,16
	Oct. 27	51,769	7,83		Oct. 27	24,165	41,15
	Dec. 66	51,667	7,71		Dec. 66	24,262	41,07
1755	Jan. 0	5 41 54,944	+ 7 20 9,32	1765	Jan. 0	5 42 27,473	+ 7 20 42,64
	Apr. 10	54,841	9,25		Apr. 10	27,569	42,51
	Jul. 19	54,740	9,27		Jul. 19	27,662	42,32
	Oct. 27	54,640	9,36		Oct. 27	27,752	42,05
	Dec. 66	54,541	9,53		Dec. 66	27,839	41,71
1756	Jan. 1	5 41 57,817	+ 7 20 11,04	1766	Jan. 0	5 42 31,054	+ 7 20 43,36
	Apr. 10	57,719	11,26		Apr. 10	31,139	42,98
	Jul. 19	57,626	11,56		Jul. 19	31,218	42,53
	Oct. 27	57,538	11,93		Oct. 27	31,291	42,03
	Dec. 66	57,454	12,36		Dec. 66	31,359	41,47
1757	Jan. 0	5 42 0,724	+ 7 20 13,78	1767	Jan. 0	5 42 34,581	+ 7 20 43,18
	Apr. 10	0,644	14,26		Apr. 10	34,645	42,58
	Jul. 19	0,571	14,80		Jul. 19	34,701	41,94
	Oct. 27	0,505	15,40		Oct. 27	34,750	41,25
	Dec. 66	0,445	16,05		Dec. 66	34,792	40,52
1758	Jan. 0	5 42 3,707	+ 7 20 17,39	1768	Jan. 1	5 42 38,022	+ 7 20 42,29
	Apr. 10	3,654	18,07		Apr. 10	38,058	41,54
	Jul. 19	3,608	18,79		Jul. 19	38,085	40,76
	Oct. 27	3,571	19,53		Oct. 27	38,103	39,96
	Dec. 66	3,543	20,33		Dec. 66	38,113	39,14
1759	Jan. 0	5 42 6,795	+ 7 20 21,63	1769	Jan. 0	5 42 41,355	+ 7 20 40,93
	Apr. 10	6,773	22,43		Apr. 10	41,358	40,10
	Jul. 19	6,760	23,24		Jul. 19	41,352	39,28
	Oct. 27	6,756	24,06		Oct. 27	41,337	38,46
	Dec. 66	6,762	24,89		Dec. 66	41,313	37,64

Tabulae X. Sect. I. *α Orionis.*

	1760		1760		Var. 10 annor.	
Jan. 0	+1″,348	+ 6,0	− 1″,27	− 8,7	+1	−1
10	+1,385	+ 1,5	− 2,09	− 7,7	+1	−1
20	+1,377	− 3,1	− 2,80	− 6,6	+2	−1
30	+1,324	− 7,3	− 3,40	− 5,4	+2	−1
Febr. 9	+1,231	−11,0	− 3,88	− 4,3	+3	−1
19	+1,104	−14,0	− 4,25	− 3,2	+3	−1
Mart. 1	+0,951	−16,2	− 4,51	− 2,1	+3	−1
11	+0,781	−17,3	− 4,66	− 1,1	+3	−1
21	+0,605	−17,4	− 4,72	− 0,1	+3	−1
31	+0,434	−16,4	− 4,68	+ 1,0	+3	−1
Apr. 10	+0,277	−14,5	− 4,53	+ 2,0	+3	−1
20	+0,144	−11,8	− 4,28	+ 3,1	+3	−1
30	+0,042	− 8,4	− 3,91	+ 4,3	+2	−1
Maj. 10	−0,023	− 4,5	− 3,43	+ 5,4	+2	−1
20	−0,048	− 0,4	− 2,83	+ 6,6	+1	−1
30	−0,030	+ 4,0	− 2,11	+ 7,7	+1	−1
Jun. 9	+0,031	+ 8,2	− 1,29	+ 8,8	+1	−1
19	+0,132	+12,1	− 0,36	+ 9,7	0	−2
29	+0,272	+15,7	+ 0,64	+10,3	0	−2
Jul. 9	+0,446	+19,0	+ 1,69	+10,6	−1	−2
19	+0,651	+21,7	+ 2,76	+10,6	−1	−2
29	+0,880	+24,0	+ 3,80	+10,1	−2	−2
Aug. 8	+1,131	+25,9	+ 4,77	+ 9,2	−2	−3
18	+1,397	+27,2	+ 5,64	+ 8,0	−2	−3
28	+1,675	+28,2	+ 6,37	+ 6,4	−2	−3
Sept. 7	+1,961	+28,9	+ 6,91	+ 4,4	−3	−3
17	+2,252	+29,1	+ 7,24	+ 2,2	−3	−4
27	+2,542	+29,0	+ 7,35	− 0,1	−3	−4
Oct. 7	+2,831	+28,6	+ 7,23	− 2,4	−3	−4
17	+3,113	+27,8	+ 6,88	− 4,5	−2	−4
27	+3,386	+26,7	+ 6,33	− 6,4	−2	−4
Nov. 6	+3,644	+24,9	+ 5,60	− 8,0	−2	−4
16	+3,884	+22,8	+ 4,74	− 9,1	−1	−5
26	+4,099	+20,0	+ 3,79	− 9,8	−1	−5
Dec. 6	+4,284	+16,8	+ 2,79	−10,0	0	−5
16	+4,434	+13,0	+ 1,80	− 9,8	0	−5
26	+4,544	+ 8,8	+ 0,84	− 9,2	+1	−5
36	+4,610	+ 4,3	− 0,03	− 8,3	+1	−5

	A. R. med.	Decl. med.
1750	5h 41′ 38″,6516	+ 7° 20′ 10″,366
1751	41 41,8946	20 11,962
1752	41 45,1376	20 13,554
1753	41 48,3807	20 15,141
1754	41 51,6238	20 16,723
1755	41 54,8670	20 18,300
1756	41 58,1102	20 19,873
1757	42 1,3534	20 21,441
1758	42 4,5966	20 23,004
1759	42 7,8399	20 24,563
1760	42 11,0831	20 26,117
1761	42 14,3264	20 27,666
1762	42 17,5697	20 29,210
1763	42 20,8131	20 30,749
1764	42 24,0565	20 32,284
1765	42 27,3000	20 33,815
1766	42 30,5435	20 35,340
1767	42 33,7870	20 36,861
1768	42 37,0305	20 38,377
1769	42 40,2741	20 39,888
1770	42 43,5176	20 41,395

Diei reducto addendum est:

ante } Jun. 16 { + 1
post } Jun. 16 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Canis majoris.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	6 34 8,628	—16 23 31,96	1760	Jan. 1	6 34 33,296	—16 24 13,46
	Apr. 10	8,643	32,78		Apr. 10	33,304	12,66
	Jul. 19	8,651	33,60		Jul. 19	33,319	11,89
	Oct. 27	8,652	34,41		Oct. 27	33,341	11,14
	Dec. 66	8,646	35,22		Dec. 66	33,371	10,42
1751	Jan. 0	6 34 11,291	—16 23 39,18	1761	Jan. 0	6 34 36,004	—16 24 14,92
	Apr. 10	11,279	39,97		Apr. 10	36,038	14,23
	Jul. 19	11,258	40,73		Jul. 19	36,079	13,59
	Oct. 27	11,231	41,46		Oct. 27	36,125	13,00
	Dec. 66	11,196	42,16		Dec. 66	36,178	12,45
1752	Jan. 1	6 34 13,852	—16 23 46,16	1762	Jan. 0	6 34 38,804	—16 24 16,89
	Apr. 10	13,813	46,83		Apr. 10	38,860	16,38
	Jul. 19	13,767	47,45		Jul. 19	38,921	15,94
	Oct. 27	13,714	48,02		Oct. 27	38,986	15,56
	Dec. 66	13,655	48,53		Dec. 66	39,056	15,25
1753	Jan. 0	6 34 16,320	—16 23 52,59	1763	Jan. 0	6 34 41,676	—16 24 19,61
	Apr. 10	16,257	53,06		Apr. 10	41,748	19,34
	Jul. 19	16,190	53,46		Jul. 19	41,823	19,14
	Oct. 27	16,118	53,80		Oct. 27	41,900	19,02
	Dec. 66	16,042	54,08		Dec. 66	41,979	18,97
1754	Jan. 0	6 34 18,712	—16 23 58,19	1764	Jan. 1	6 34 44,596	—16 24 23,24
	Apr. 10	18,633	58,40		Apr. 10	44,676	23,24
	Jul. 19	18,553	58,53		Jul. 19	44,756	23,31
	Oct. 27	18,470	58,58		Oct. 27	44,836	23,45
	Dec. 66	18,386	58,56		Dec. 66	44,917	23,66
1755	Jan. 0	6 34 21,058	—16 24 2,81	1765	Jan. 0	6 34 47,534	—16 24 27,85
	Apr. 10	20,973	2,73		Apr. 10	47,614	28,11
	Jul. 19	20,889	2,57		Jul. 19	47,691	28,44
	Oct. 27	20,806	2,34		Oct. 27	47,766	28,83
	Dec. 66	20,723	2,03		Dec. 66	47,839	29,28
1756	Jan. 1	6 34 23,394	—16 24 6,38	1766	Jan. 0	6 34 50,459	—16 24 33,40
	Apr. 10	23,313	6,02		Apr. 10	50,530	33,89
	Jul. 19	23,235	5,60		Jul. 19	50,596	34,44
	Oct. 27	23,161	5,11		Oct. 27	50,659	35,04
	Dec. 66	23,090	4,56		Dec. 66	50,717	35,70
1757	Jan. 0	6 34 25,757	—16 24 8,99	1767	Jan. 0	6 34 53,342	—16 24 39,75
	Apr. 10	25,690	8,40		Apr. 10	53,396	40,43
	Jul. 19	25,628	7,76		Jul. 19	53,444	41,15
	Oct. 27	25,571	7,08		Oct. 27	53,487	41,90
	Dec. 66	25,520	6,35		Dec. 66	53,523	42,68
1758	Jan. 0	6 34 28,181	—16 24 10,84	1768	Jan. 1	6 34 56,155	—16 24 46,70
	Apr. 10	28,134	10,09		Apr. 10	56,187	47,49
	Jul. 19	28,095	9,31		Jul. 19	56,211	48,30
	Oct. 27	28,062	8,51		Oct. 27	56,228	49,12
	Dec. 66	28,037	7,70		Dec. 66	56,238	49,94
1759	Jan. 0	6 34 30,688	—16 24 12,22	1769	Jan. 0	6 34 58,879	—16 24 53,96
	Apr. 10	30,668	11,40		Apr. 10	58,884	54,78
	Jul. 19	30,656	10,57		Jul. 19	58,881	55,59
	Oct. 27	30,651	9,76		Oct. 27	58,871	56,38
	Dec. 66	30,654	8,94		Dec. 66	58,853	57,15

Tabulae X. Sect. I. *α Canis majoris.*

	1760		1760		Var. 10 annor.	
Jan. 0	+1,426″	+ 8,9	− 1,85″	−23,6	0	+1
10	+1,491	+ 4,1	− 4,17	−22,2	+1	+1
20	+1,507	− 0,8	− 6,29	−20,1	+1	+1
30	+1,475	− 5,5	− 8,18	−17,6	+1	0
Febr. 9	+1,397	− 9,8	− 9,81	−14,9	+2	0
19	+1,279	− 8,5	−11,15	−11,9	+2	0
Mart. 1	+1,128	−16,3	−12,18	− 8,8	+2	0
11	+0,954	−18,2	−12,90	− 5,6	+2	−1
21	+0,765	−19,1	−13,29	− 2,4	+3	−1
31	+0,572	−19,0	−13,37	+ 0,8	+2	−1
Apr. 10	+0,385	−18,0	−13,14	+ 3,9	+2	−1
20	+0,213	−16,1	−12,60	+ 6,8	+2	−2
30	+0,064	−13,4	−11,78	+ 9,6	+2	−2
Maj. 10	−0,055	−10,2	−10,68	+12,3	+2	−2
20	−0,139	− 6,6	− 9,33	+14,6	+2	−2
30	−0,186	− 2,8	− 7,76	+16,7	+1	−3
Jun. 9	−0,194	+ 1,2	− 5,99	+18,4	+1	−3
19	−0,162	+ 5,2	− 4,08	+19,6	0	−3
29	−0,091	+ 8,9	− 2,07	+20,4	0	−3
Jul. 9	+0,016	+12,4	0,00	+20,6	0	−3
19	+0,157	+15,6	+ 2,04	+20,0	−1	−3
29	+0,329	+18,6	+ 4,00	+18,9	−1	−3
Aug. 8	+0,529	+21,2	+ 5,81	+17,0	−1	−3
18	+0,752	+23,4	+ 7,40	+14,5	−2	−3
28	+0,996	+25,3	+ 8,71	+11,4	−2	−3
Sept. 7	+1,257	+26,8	+ 9,67	+ 7,7	−2	−3
17	+1,531	+27,9	+10,24	+ 3,6	−2	−3
27	+1,815	+28,7	+10,39	− 0,8	−2	−3
Oct. 7	+2,104	+29,1	+10,08	− 5,3	−2	−3
17	+2,396	+29,0	+ 9,34	− 9,6	−2	−2
27	+2,683	+28,3	+ 8,17	−13,7	−2	−2
Nov. 6	+2,962	+27,2	+ 6,61	−17,3	−2	−2
16	+3,227	+25,4	+ 4,72	−20,2	−2	−2
26	+3,470	+22,9	+ 2,57	−22,4	−1	−2
Dec. 6	+3,685	+19,8	+ 0,24	−23,8	−1	−2
16	+3,865	+16,0	− 2,19	−24,4	−1	−2
26	+4,005	+11,8	− 4,63	−24,1	0	−2
36	+4,100	+ 7,1	− 7,00	−23,3	0	−3

	A. R. med.	Decl. med.
1750	6ʰ 34′ 7,7542″	−16° 23′ 32,668″
1751	34 10,3980	23 36,887
1752	34 13,0417	23 41,109
1753	34 15,6855	23 45,335
1754	34 18,3293	23 49,565
1755	34 20,9730	23 53,799
1756	34 23,6168	23 58,037
1757	34 26,2606	24 2,278
1758	34 28,9044	24 6,524
1759	34 31,5482	24 10,773
1760	34 34,1920	24 15,025
1761	24 36,8358	24 19,282
1762	34 39,4796	24 23,542
1763	34 42,1234	24 27,807
1764	34 44,7672	24 32,075
1765	34 47,4111	24 36,347
1766	34 50,0549	24 40,622
1767	34 52,6988	24 44,902
1768	34 55,3426	24 49,185
1769	34 57,9865	24 53,472
1770	35 0,6303	24 57,763

Diei reducto addendum est:

ante } Jun. 29 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Geminorum.*

1750	Jan. 0	7ʰ 18′ 37″,565	+32° 24′ 30″,87	1760	Jan. 1	7ʰ 19′ 13″,511	+32° 23′ 25″,79
	Apr. 10	37,572	30,07		Apr. 10	13,538	26,53
	Jul. 19	37,569	29,28		Jul. 19	13,575	27,24
	Oct. 27	37,553	28,51		Oct. 27	13,621	27,92
	Dec. 66	37,528	27,75		Dec. 66	13,678	28,56
1751	Jan. 0	7 18 41,390	+32 24 21,18	1761	Jan. 0	7 19 17,509	+32 23 21,47
	Apr. 10	41,357	20,44		Apr. 10	17,572	22,07
	Jul. 19	41,313	19,75		Jul. 19	17,643	22,62
	Oct. 27	41,260	19,11		Oct. 27	17,722	23,11
	Dec. 66	41,196	18,48		Dec. 66	17,810	23,55
1752	Jan. 1	7 18 45,070	+32 24 11,85	1762	Jan. 0	7 19 21,631	+32 23 16,54
	Apr. 10	45,000	11,27		Apr. 10	21,723	16,93
	Jul. 19	44,921	10,75		Jul. 19	21,820	17,26
	Oct. 27	44,834	10,29		Oct. 27	21,923	17,52
	Dec. 66	44,738	9,89		Dec. 66	22,031	17,72
1753	Jan. 0	7 18 48,623	+32 24 3,19	1763	Jan. 0	7 19 25,845	+32 23 10,77
	Apr. 10	48,523	2,83		Apr. 10	25,955	10,92
	Jul. 19	48,417	2,55		Jul. 19	26,068	11,00
	Oct. 27	48,306	2,34		Oct. 27	26,183	11,00
	Dec. 66	48,190	2,21		Dec. 66	26,300	10,93
1754	Jan. 0	7 18 52,081	+32 23 55,41	1764	Jan. 1	7 19 30,111	+32 23 4,07
	Apr. 10	51,962	55,33		Apr. 10	30,228	3,96
	Jul. 19	51,842	55,32		Jul. 19	30,344	3,78
	Oct. 27	51,721	55,39		Oct. 27	30,459	3,52
	Dec. 66	51,598	55,54		Dec. 66	30,573	3,20
1755	Jan. 0	7 18 55,491	+32 23 48,64	1765	Jan. 0	7 19 34,385	+32 22 56,42
	Apr. 10	55,368	48,84		Apr. 10	34,497	56,06
	Jul. 19	55,248	49,11		Jul. 19	34,604	55,64
	Oct. 27	55,130	49,45		Oct. 27	34,707	55,16
	Dec. 66	55,015	49,87		Dec. 66	34,805	54,62
1756	Jan. 1	7 18 58,905	+32 23 42,87	1766	Jan. 0	7 19 38,623	+32 22 47,90
	Apr. 10	58,793	43,33		Apr. 10	38,718	47,33
	Jul. 19	58,687	43,84		Jul. 19	38,805	46,71
	Oct. 27	58,588	44,41		Oct. 27	38,885	46,05
	Dec. 66	58,495	45,04		Dec. 66	38,957	45,35
1757	Jan. 0	7 19 2,377	+32 23 37,97	1767	Jan. 0	7 19 42,784	+32 22 38,68
	Apr. 10	2,289	38,63		Apr. 10	42,850	37,95
	Jul. 19	2,210	39,33		Jul. 19	42,907	37,20
	Oct. 27	2,140	40,05		Oct. 27	42,955	36,43
	Dec. 66	2,080	40,82		Dec. 66	42,993	35,64
1758	Jan. 0	7 19 5,950	+32 23 33,70	1768	Jan. 1	7 19 46,832	+32 22 28,99
	Apr. 10	5,896	34,48		Apr. 10	46,863	28,19
	Jul. 19	5,853	35,28		Jul. 19	46,883	27,39
	Oct. 27	5,821	36,08		Oct. 27	46,893	26,59
	Dec. 66	5,800	36,89		Dec. 66	46,892	25,80
1759	Jan. 0	7 19 9,657	+32 23 29,76	1769	Jan. 0	7 19 50,744	+32 22 19,14
	Apr. 10	9,643	30,57		Apr. 10	50,735	18,36
	Jul. 19	9,640	31,36		Jul. 19	50,715	17,60
	Oct. 27	9,649	32,14		Oct. 27	50,685	16,86
	Dec. 66	9,669	32,91		Dec. 66	50,643	16,15

Tabulae X. Sect. I. *α Geminorum.*

	1760		1760		Var. 10 annor.	
Jan. 0	+1,587″	+18,3	−3,76″	+3,7	−1	−3
10	+1,743	+12,8	−3,31	+5,3	−1	−3
20	+1,842	+7,0	−2,71	+6,6	0	−3
30	+1,882	+1,1	−2,00	+7,5	+1	−4
Febr. 9	+1,864	−4,5	−1,22	+7,9	+1	−4
19	+1,793	−9,5	−0,42	+7,8	+2	−4
Mart. 1	+1,675	−13,7	+0,34	+7,3	+3	−3
11	+1,520	−16,8	+1,03	+6,4	+3	−3
21	+1,339	−18,8	+1,61	+5,1	+3	−3
31	+1,144	−19,6	+2,04	+3,5	+4	−2
Apr. 10	+0,948	−19,2	+2,31	+1,9	+4	−2
20	+0,760	−17,7	+2,41	+0,2	+4	−2
30	+0,593	−15,3	+2,34	−1,5	+4	−1
Maj. 10	+0,454	−12,2	+2,12	−2,8	+3	−1
20	+0,350	−8,4	+1,78	−4,2	+3	−1
30	+0,286	−4,3	+1,29	−5,3	+3	0
Jun. 9	+0,265	+0,1	+0,73	−6,0	+2	0
19	+0,287	+4,4	+0,10	−6,6	+1	0
29	+0,352	+8,5	−0,58	−7,0	+1	0
Jul. 9	+0,457	+12,5	−1,29	−7,2	0	0
19	+0,601	+16,2	−2,01	−7,3	−1	0
29	+0,780	+19,5	−2,75	−7,4	−1	0
Aug. 8	+0,991	+22,6	−3,48	−7,4	−2	0
18	+1,231	+25,3	−4,23	−7,5	−3	−1
28	+1,496	+27,6	−4,97	−7,5	−3	−1
Sept. 7	+1,783	+29,8	−5,73	−7,6	−4	−1
17	+2,091	+31,6	−6,48	−7,6	−4	−2
27	+2,414	+33,1	−7,24	−7,5	−5	−2
Oct. 7	+2,752	+34,3	−7,98	−7,3	−5	−3
17	+3,100	+35,1	−8,70	−6,9	−5	−4
27	+3,453	+35,4	−9,36	−6,3	−5	−4
Nov. 6	+3,807	+35,1	−9,95	−5,4	−5	−5
16	+4,154	+34,0	−10,44	−4,2	−5	−6
26	+4,487	+32,2	−10,79	−2,8	−5	−6
Dec. 6	+4,798	+29,5	−10,99	−1,1	−4	−7
16	+5,076	+25,8	−11,01	+0,8	−4	−7
26	+5,314	+21,4	−10,84	+2,6	−3	−8
36	+5,503	+16,3	−10,49	+4,2	−2	−8

	A. R. med.	Decl. med.
1750	7h 18′ 36″,2750	+32° 24′ 31″,474
1751	18 40,1273	24 24,650
1752	18 43,9794	24 17,820
1753	18 47,8314	24 10,985
1754	18 51,6833	24 4,145
1755	18 55,5350	23 57,300
1756	18 59,3866	23 50,449
1757	19 3,2381	23 43,593
1758	19 7,0895	23 36,732
1759	19 10,9408	23 29,866
1760	19 14,7920	23 22,994
1761	19 18,6430	23 16,117
1762	19 22,4939	23 9,239
1763	19 26,3447	23 2,348
1764	19 30,1953	22 55,455
1765	19 34,0458	22 48,557
1766	19 37,8962	22 41,654
1767	19 41,7465	22 34,745
1768	19 45,5966	22 27,831
1769	19 49,4466	22 20,912
1770	19 53,2965	22 13,988

Diei reducto addendum est:

ante } Jul. 10 { + 1
post } Jul. 10 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Canis minoris.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	7 26 13,077	+ 5 50 40,74	1760	Jan. 1	7 26 42,461	+ 5 49 19,92
	Apr. 10	13,090	39,94		Apr. 10	42,475	20,66
	Jul. 19	13,095	39,16		Jul. 19	42,498	21,36
	Oct. 27	13,090	38,40		Oct. 27	42,530	22,02
	Dec. 66	13,076	37,66		Dec. 66	42,570	22,64
1751	Jan. 0	7 26 16,232	+ 5 50 29,46	1761	Jan. 0	7 26 45,705	+ 5 49 13,95
	Apr. 10	16,212	28,73		Apr. 10	45,750	14,54
	Jul. 19	16,184	28,05		Jul. 19	45,803	15,07
	Oct. 27	16,146	27,41		Oct. 27	45,862	15,54
	Dec. 66	16,100	26,82		Dec. 66	45,929	15,96
1752	Jan. 1	7 26 19,267	+ 5 50 18,57	1762	Jan. 0	7 26 49,056	+ 5 49 7,34
	Apr. 10	19,215	18,00		Apr. 10	49,127	7,71
	Jul. 19	19,156	17,50		Jul. 19	49,202	8,02
	Oct. 27	19,090	17,06		Oct. 27	49,283	8,26
	Dec. 66	19,016	16,69		Dec. 66	49,368	8,44
1753	Jan. 0	7 26 22,192	+ 5 50 8,35	1763	Jan. 0	7 26 52,489	+ 5 48 59,89
	Apr. 10	22,114	8,02		Apr. 10	52,577	49 0,02
	Jul. 19	22,031	7,76		Jul. 19	52,667	0,08
	Oct. 27	21,943	7,58		Oct. 27	52,760	0,06
	Dec. 66	21,851	7,47		Dec. 66	52,856	48 59,98
1754	Jan. 0	7 26 25,032	+ 5 49 59,04	1764	Jan. 1	7 26 55,973	+ 5 48 51,51
	Apr. 10	24,937	58,98		Apr. 10	56,069	51,38
	Jul. 19	24,839	58,99		Jul. 19	56,165	51,18
	Oct. 27	24,740	59,09		Oct. 27	56,260	50,91
	Dec. 66	24,639	59,26		Dec. 66	56,355	50,58
1755	Jan. 0	7 26 27,823	+ 5 49 50,73	1765	Jan. 0	7 26 59,473	+ 5 48 42,20
	Apr. 10	27,722	50,95		Apr. 10	59,567	41,82
	Jul. 19	27,622	51,24		Jul. 19	59,658	41,38
	Oct. 27	27,523	51,60		Oct. 27	59,746	40,89
	Dec. 66	27,426	52,03		Dec. 66	59,831	40,34
1756	Jan. 1	7 26 30,608	+ 5 49 43,41	1766	Jan. 0	7 27 2,953	+ 5 48 32,02
	Apr. 10	30,513	43,88		Apr. 10	3,035	31,43
	Jul. 19	30,423	44,42		Jul. 19	3,111	30,81
	Oct. 27	30,337	45,00		Oct. 27	3,182	30,14
	Dec. 66	30,255	45,64		Dec. 66	3,247	29,43
1757	Jan. 0	7 26 33,432	+ 5 49 36,95	1767	Jan. 0	7 27 6,376	+ 5 48 21,16
	Apr. 10	33,354	37,62		Apr. 10	6,437	20,43
	Jul. 19	33,284	38,32		Jul. 19	6,490	19,68
	Oct. 27	33,220	39,06		Oct. 27	6,536	18,91
	Dec. 66	33,164	39,83		Dec. 66	6,575	18,11
1758	Jan. 0	7 26 36,332	+ 5 49 31,09	1768	Jan. 1	7 27 9,712	+ 5 48 9,87
	Apr. 10	36,281	31,88		Apr. 10	9,745	9,07
	Jul. 19	36,238	32,67		Jul. 19	9,769	8,27
	Oct. 27	36,204	33,47		Oct. 27	9,785	7,48
	Dec. 66	36,179	34,28		Dec. 66	9,792	6,69
1759	Jan. 0	7 26 39,337	+ 5 49 25,53	1769	Jan. 0	7 27 12,940	+ 5 47 58,44
	Apr. 10	39,318	26,34		Apr. 10	12,941	57,66
	Jul. 19	39,308	27,13		Jul. 19	12,932	56,91
	Oct. 27	39,307	27,90		Oct. 27	12,915	56,19
	Dec. 66	39,315	28,66		Dec. 66	12,888	55,49

Tabulae X. Sect. I. *α Canis minoris.*

	1760		1760		Var. 10 annor.	
Jan. 0	+1″,343	+15,7	− 2″,35	−13,1	−1	0
10	+1,477	+11,0	− 3,59	−11,7	0	0
20	+1,563	+ 6,1	− 4,68	−10,0	0	−1
30	+1,599	+ 1,2	− 5,59	− 8,2	+1	−1
Febr. 9	+1,586	− 3,7	− 6,31	− 6,4	+1	−1
19	+1,526	− 7,9	− 6,87	− 4,7	+2	−1
Mart. 1	+1,428	−11,5	− 7,25	− 3,1	+2	−2
11	+1,297	−14,3	− 7,48	− 1,7	+2	−2
21	+1,143	−16,0	− 7,58	− 0,4	+3	−2
31	+0,978	−16,7	− 7,55	+ 0,9	+3	−2
Apr. 10	+0,810	−16,4	− 7,41	+ 1,9	+3	−2
20	+0,650	−15,3	− 7,18	+ 2,8	+3	−2
30	+0,505	−13,4	− 6,85	+ 3,7	+3	−2
Maj. 10	+0,383	−10,8	− 6,44	+ 4,6	+2	−2
20	+0,290	− 7,7	− 5,93	+ 5,4	+2	−2
30	+0,229	− 4,4	− 5,36	+ 6,1	+2	−2
Jun. 9	+0,203	− 0,9	− 4,72	+ 6,8	+1	−2
19	+0,212	+ 2,7	− 4,01	+ 7,3	+1	−2
29	+0,257	+ 6,2	− 3,26	+ 7,6	+1	−2
Jul. 9	+0,335	+ 9,4	− 2,49	+ 7,7	0	−2
19	+0,445	+12,5	− 1,72	+ 7,5	0	−2
29	+0,585	+15,4	− 0,99	+ 6,9	−1	−2
Aug. 8	+0,753	+18,0	− 0,34	+ 6,0	−1	−2
18	+0,945	+20,4	+ 0,20	+ 4,7	−2	−2
28	+1,160	+22,5	+ 0,59	+ 3,0	−2	−2
Sept. 7	+1,395	+24,4	+ 0,80	+ 1,0	−2	−2
17	+1,648	+26,2	+ 0,79	− 1,3	−3	−2
27	+1,918	+27,7	+ 0,54	− 3,8	−3	−2
Oct. 7	+2,201	+28,8	+ 0,04	− 6,2	−3	−2
17	+2,494	+29,6	− 0,70	− 8,5	−3	−3
27	+2,793	+30,0	− 1,66	−10,7	−3	−3
Nov. 6	+3,094	+29,9	− 2,83	−12,5	−3	−3
16	+3,390	+29,1	− 4,16	−13,8	−3	−3
26	+3,676	+27,6	− 5,59	−14,6	−3	−3
Dec. 6	+3,942	+25,3	− 7,08	−14,9	−2	−4
16	+4,181	+22,2	− 8,57	−14,6	−2	−4
26	+4,385	+18,3	−10,00	−13,8	−2	−4
36	+4,548	+14,0	−11,32	−12,6	−1	−5

	A. R. med.	Decl. med.
1750	7ʰ 26′ 12″,0252	+ 5° 50′ 41″,561
1751	26 15,1754	50 33,117
1752	26 18,3256	50 24,669
1753	26 21,4758	50 16,217
1754	26 24,6259	50 7,761
1755	26 27,7760	49 59,300
1756	26 30,9260	49 50,836
1757	26 34,0760	49 42,367
1758	26 37,2259	49 33,894
1759	26 40,3758	49 25,417
1760	26 43,5257	49 16,935
1761	26 46,6755	49 8,449
1762	26 49,8253	48 59,959
1763	26 52,9750	48 51,465
1764	26 56,1247	48 42,967
1765	26 59,2743	48 34,464
1766	27 2,4239	48 25,957
1767	27 5,5735	48 17,446
1768	27 8,7230	48 8,931
1769	27 11,8725	48 0,412
1770	27 15,0219	47 51,888

Diei reducto addendum est:

ante } Jul. 12 { + 1
post }   { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *β Geminorum.*

1750	Jan. 0	7h 30′ 0″,171	+28° 36′ 18″,64	1760	Jan. 1	7h 30′ 34″,619	+28° 35′ 4″,99
	Apr. 10	0,178	17,85		Apr. 10	34,645	5,72
	Jul. 19	0,174	17,07		Jul. 19	34,681	6,41
	Oct. 27	0,160	16,32		Oct. 27	34,726	7,06
	Dec. 66	0,135	15,58		Dec. 66	34,781	7,67
1751	Jan. 0	7 30 3,838	+28 36 8,08	1761	Jan. 0	7 30 38,454	+28 34 59,68
	Apr. 10	3,806	7,36		Apr. 10	38,516	35 0,26
	Jul. 19	3,764	6,69		Jul. 19	38,585	0,78
	Oct. 27	3,712	6,06		Oct. 27	38,662	1,24
	Dec. 66	3,650	5,47		Dec. 66	38,746	1,65
1752	Jan. 1	7 30 7,366	+28 35 57,91	1762	Jan. 0	7 30 42,410	+28 34 53,72
	Apr. 10	7,298	57,36		Apr. 10	42,499	54,09
	Jul. 19	7,221	56,87		Jul. 19	42,593	54,39
	Oct. 27	7,136	56,44		Oct. 27	42,692	54,62
	Dec. 66	7,043	56,07		Dec. 66	42,797	54,78
1753	Jan. 0	7 30 10,769	+28 35 48,43	1763	Jan. 0	7 30 46,454	+28 34 46,93
	Apr. 10	10,672	48,11		Apr. 10	46,561	47,05
	Jul. 19	10,570	47,87		Jul. 19	46,670	47,09
	Oct. 27	10,463	47,69		Oct. 27	46,781	47,07
	Dec. 66	10,350	47,59		Dec. 66	46,894	46,97
1754	Jan. 0	7 30 14,082	+28 35 39,86	1764	Jan. 1	7 30 50,549	+28 34 39,20
	Apr. 10	13,967	39,81		Apr. 10	50,663	39,06
	Jul. 19	13,851	39,83		Jul. 19	50,775	38,85
	Oct. 27	13,733	39,94		Oct. 27	50,886	38,57
	Dec. 66	13,614	40,12		Dec. 66	50,996	38,23
1755	Jan. 0	7 30 17,348	+28 35 32,28	1765	Jan. 0	7 30 54,652	+28 34 30,54
	Apr. 10	17,229	32,51		Apr. 10	54,760	30,15
	Jul. 19	17,113	32,81		Jul. 19	54,863	29,71
	Oct. 27	16,999	33,18		Oct. 27	54,963	29,20
	Dec. 66	16,888	33,62		Dec. 66	55,058	28,65
1756	Jan. 1	7 30 20,618	+28 35 25,69	1766	Jan. 0	7 30 58,719	+28 34 21,02
	Apr. 10	20,510	26,17		Apr. 10	58,810	20,43
	Jul. 19	20,407	26,71		Jul. 19	58,894	19,80
	Oct. 27	20,311	27,30		Oct. 27	58,971	19,13
	Dec. 66	20,221	27,94		Dec. 66	59,041	18,42
1757	Jan. 0	7 30 23,944	+28 35 19,94	1767	Jan. 0	7 31 2,711	+28 34 10,83
	Apr. 10	23,859	20,61		Apr. 10	2,775	10,10
	Jul. 19	23,783	21,32		Jul. 19	2,830	9,35
	Oct. 27	23,716	22,06		Oct. 27	2,876	8,58
	Dec. 66	23,657	22,83		Dec. 66	2,913	7,78
1758	Jan. 0	7 30 27,369	+28 35 14,79	1768	Jan. 1	7 31 6,594	+28 34 0,22
	Apr. 10	27,316	15,58		Apr. 10	6,624	33 59,42
	Jul. 19	27,274	16,37		Jul. 19	6,644	58,63
	Oct. 27	27,244	17,17		Oct. 27	6,653	57,84
	Dec. 66	27,224	17,97		Dec. 66	6,652	57,06
1759	Jan. 0	7 30 30,923	+28 35 9,92	1769	Jan. 0	7 31 10,345	+28 33 49,49
	Apr. 10	30,909	10,72		Apr. 10	10,337	48,72
	Jul. 19	30,907	11,51		Jul. 19	10,318	47,97
	Oct. 27	30,915	12,28		Oct. 27	10,288	47,26
	Dec. 66	30,934	13,03		Dec. 66	10,248	46,57

Tabulae X. Sect. I. β *Geminorum.*

	1760		1760		Var. 10 annor.	
Jan. 0	+1,510″	+18,9	−4,06″	+0,9	−1	−2
10	+1,672	+13,5	−3,88	+2,6	−1	−3
20	+1,780	+8,0	−3,54	+4,1	0	−3
30	+1,831	+2,3	−3,06	+5,3	+1	−3
Febr. 9	+1,825	−3,3	−2,48	+6,1	+1	−3
19	+1,766	−8,2	−1,85	+6,4	+2	−3
Mart. 1	+1,662	−12,3	−1,20	+6,4	+2	−3
11	+1,520	−15,6	−0,58	+5,8	+3	−3
21	+1,351	−17,7	−0,04	+5,0	+3	−3
31	+1,167	−18,6	+0,41	+3,9	+3	−2
Apr. 10	+0,979	−18,5	+0,74	+2,6	+4	−2
20	+0,798	−17,3	+0,93	+1,3	+4	−2
30	+0,634	−15,1	+0,99	−0,1	+3	−1
Maj. 10	+0,496	−12,2	+0,92	−1,2	+3	−1
20	+0,390	−8,8	+0,75	−2,4	+3	−1
30	+0,321	−5,0	+0,45	−3,3	+2	−1
Jun. 9	+0,291	−1,0	+0,09	−3,9	+2	0
19	+0,302	+3,1	−0,33	−4,5	+1	0
29	+0,353	+7,1	−0,81	−5,0	+1	0
Jul. 9	+0,443	+10,9	−1,32	−5,3	0	0
19	+0,570	+14,4	−1,86	−5,5	0	0
29	+0,730	+17,6	−2,42	−5,8	−1	0
Aug. 8	+0,922	+20,6	−3,01	−6,1	−2	0
18	+1,141	+23,2	−3,63	−6,4	−2	−1
28	+1,386	+25,7	−4,29	−6,8	−3	−1
Sept. 7	+1,654	+27,8	−4,98	−7,2	−3	−1
17	+1,942	+29,7	−5,72	−7,6	−4	−2
27	+2,248	+31,4	−6,49	−7,9	−4	−2
Oct. 7	+2,569	+32,7	−7,29	−8,1	−5	−3
17	+2,902	+33,7	−8,11	−8,2	−5	−3
27	+3,242	+34,2	−8,92	−7,9	−5	−4
Nov. 6	+3,585	+34,1	−9,69	−7,4	−5	−4
16	+3,924	+33,3	−10,39	−6,5	−5	−5
26	+4,251	+31,7	−10,99	−5,3	−4	−5
Dec. 6	+4,558	+29,3	−11,45	−3,8	−4	−6
16	+4,836	+25,9	−11,75	−2,1	−4	−7
26	+5,076	+21,7	−11,87	−0,3	−3	−7
36	+5,270	+16,9	−11,80	+1,5	−2	−7

	A. R. med.	Decl. med.
1750	7h 29′ 58″,9224	+28° 36′ 19″,576
1751	30 2,6165	36 11,831
1752	30 6,3105	36 4,081
1753	30 10,0044	35 56,326
1754	30 13,6982	35 48,566
1755	30 17,3920	35 40,800
1756	30 21,0854	35 33,030
1757	30 24,7788	35 25,255
1758	30 28,4721	35 17,475
1759	30 32,1653	35 9,690
1760	30 35,8584	35 1,901
1761	30 39,5513	34 54,107
1762	30 43,2441	34 46,307
1763	30 46,9368	34 38,503
1764	30 50,6294	34 30,693
1765	30 54,3218	34 22,879
1766	30 58,0141	34 15,060
1767	31 1,7063	34 7,236
1768	31 5,3984	33 59,407
1769	31 9,0904	33 51,574
1770	31 12,7822	33 43,735

Diei reducto addendum est:

ante } Jul. 13 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Hydrae.*

1750	Jan. 0	9h 15′ 19″,013	— 7° 35′ 23″,07	1760	Jan. 1	9h 15′ 46″,554	— 7° 37′ 44″,82
	Apr. 10	19,033	23,68		Apr. 10	46,560	44,33
	Jul. 19	19,045	24,25		Jul. 19	46,573	43,90
	Oct. 27	19,048	24,78		Oct. 27	46,595	43,53
	Dec. 66	19,043	25,27		Dec. 66	46,625	43,21
1751	Jan. 0	9 15 21,994	— 7 35 40,20	1761	Jan. 0	9 15 49,563	— 7 37 58,42
	Apr. 10	21,983	40,66		Apr. 10	49,598	58,14
	Jul. 19	21,964	41,05		Jul. 19	49,640	57,92
	Oct. 27	21,936	41,40		Oct. 27	49,689	57,76
	Dec. 66	21,900	41,68		Dec. 66	49,745	57,67
1752	Jan. 1	9 15 24,862	— 7 35 56,68	1762	Jan. 0	9 15 52,674	— 7 38 12,81
	Apr. 10	24,821	56,92		Apr. 10	52,734	12,76
	Jul. 19	24,772	57,10		Jul. 19	52,799	12,77
	Oct. 27	24,617	57,21		Oct. 27	52,869	12,84
	Dec. 66	24,654	57,25		Dec. 66	52,945	12,98
1753	Jan. 0	9 15 27,624	— 7 36 12,34	1763	Jan. 0	9 15 55,867	— 7 38 28,04
	Apr. 10	27,557	12,34		Apr. 10	55,945	28,22
	Jul. 19	27,485	12,27		Jul. 19	56,026	28,46
	Oct. 27	27,407	12,13		Oct. 27	56,110	28,75
	Dec. 66	27,324	11,92		Dec. 66	56,197	29,10
1754	Jan. 0	9 15 30,301	— 7 36 27,09	1764	Jan. 1	9 15 59,116	— 7 38 44,10
	Apr. 10	30,216	26,84		Apr. 10	59,204	44,49
	Jul. 19	30,128	26,53		Jul. 19	59,292	44,93
	Oct. 27	30,038	26,16		Oct. 27	59,381	45,41
	Dec. 66	29,945	25,73		Dec. 66	59,470	45,94
1755	Jan. 0	9 15 32,925	— 7 36 40,98	1765	Jan. 0	9 16 2,388	— 7 39 0,88
	Apr. 10	32,831	40,51		Apr. 10	2,477	1,44
	Jul. 19	32,738	39,99		Jul. 19	2,563	2,03
	Oct. 27	32,646	39,43		Oct. 27	2,647	2,65
	Dec. 66	32,554	38,83		Dec. 66	2,728	3,30
1756	Jan. 1	9 15 35,533	— 7 36 54,13	1766	Jan. 0	9 16 5,650	— 7 39 18,20
	Apr. 10	35,443	53,50		Apr. 10	5,729	18,87
	Jul. 19	35,356	52,85		Jul. 19	5,804	19,56
	Oct. 27	35,373	52,17		Oct. 27	5,874	20,25
	Dec. 66	35,194	51,46		Dec. 66	5,940	20,96
1757	Jan. 0	9 15 38,168	— 7 37 6,80	1767	Jan. 0	9 16 8,867	— 7 39 35,85
	Apr. 10	38,092	6,08		Apr. 10	8,929	36,56
	Jul. 19	38,022	5,36		Jul. 19	8,985	37,26
	Oct. 27	37,957	4,64		Oct. 27	9,034	37,95
	Dec. 66	37,899	3,92		Dec. 66	9,076	38,64
1758	Jan. 0	9 15 40,866	— 7 37 19,26	1768	Jan. 1	9 16 12,011	— 7 39 53,54
	Apr. 10	40,813	18,55		Apr. 10	12,049	54,21
	Jul. 19	40,767	17,85		Jul. 19	12,078	54,85
	Oct. 27	40,729	17,17		Oct. 27	12,100	55,46
	Dec. 66	40,698	16,52		Dec. 66	12,113	56,05
1759	Jan. 0	9 15 43,656	— 7 37 31,84	1769	Jan. 0	9 16 15,058	— 7 40 10,99
	Apr. 10	43,631	31,20		Apr. 10	15,066	11,55
	Jul. 19	43,614	30,61		Jul. 19	15,066	12,06
	Oct. 27	43,606	30,05		Oct. 27	15,057	12,52
	Dec. 66	43,606	29,54		Dec. 66	15,040	12,93

Tabulae X. Sect. I. *α Hydrae.*

	1760		1760		Var. 10 annor.			A. R. med.	Decl. med.
								h ′ ″	° ′ ″
Jan. 0	+1,066″	+22,4	— 0,09″	—22,4	—2	+2	1750	9 15 18,0576	— 7 35 19,256
10	+1,292	+20,4	— 2,30	—21,5	—1	+1	1751	15 21,0061	35 34,339
20	+1,474	+15,8	— 4,39	—20,4	—1	+1	1752	15 23,9546	35 49,425
30	+1,608	+10,9	— 6,32	—18,3	0	+1	1753	15 26,9031	36 4,514
Febr. 9	+1,692	+ 6,0	— 8,05	—16,1	0	0	1754	15 29,8516	36 19,606
							1755	15 32,8000	36 34,700
19	+1,727	+ 1,2	— 9,54	—13,7	+1	0	1756	15 35,7484	36 49,797
Mart. 1	+1,716	— 3,2	—10,79	—11,2	+1	0	1757	15 38,6968	37 4,896
11	+1,663	— 7,0	—11,78	— 8,7	+1	—1	1758	15 41,6452	37 19,999
21	+1,577	—10,0	—12,52	— 6,2	+2	—1	1759	15 44,5936	37 35,104
31	+1,463	—12,3	—13,02	— 3,9	+2	—1	1760	15 47,5420	37 50,212
							1761	15 50,4904	38 5,322
Apr. 10	+1,332	—13,6	—13,30	— 1,7	+2	—2	1762	15 53,4387	38 20,436
20	+1,191	—14,2	—13,35	+ 0,5	+3	—2	1763	15 56,3870	38 35,552
30	+1,049	—14,0	—13,20	+ 2,5	+3	—2	1764	15 59,3353	38 50,671
Maj. 10	+0,912	—13,2	—12,85	+ 4,4	+3	—2	1765	16 2,2836	39 5,792
20	+0,785	—11,9	—12,33	+ 6,1	+3	—2	1766	16 5,2319	39 20,916
							1767	16 8,1802	39 36,043
30	+0,675	—10,1	—11,64	+ 7,6	+3	—2	1768	16 11,1285	39 51,173
Jun. 9	+0,584	— 8,0	—10,81	+ 9,0	+2	—3	1769	16 14,0767	40 6,305
19	+0,515	— 5,7	— 9,85	+10,2	+2	—3	1770	16 17,0249	40 21,441
29	+0,470	— 3,3	— 8,78	+11,1	+2	—3			
Jul. 9	+0,450	— 0,7	— 7,64	+11,7	+1	—3			
19	+0,456	+ 2,0	— 6,45	+11,8	+1	—3			
29	+0,[illegible]9	+ 4,6	— 5,27	+11,5	+1	—3			
Aug. 8	+0,548	+ 7,3	— 4,14	+10,9	0	—2			
18	+0,634	+10,1	— 3,10	+ 9,6	0	—2			
28	+0,749	+12,9	— 2,22	+ 7,8	—1	—2			
Sept. 7	+0,892	+15,8	— 1,54	+ 5,5	—1	—2			
17	+1,064	+18,7	— 1,12	+ 2,8	—2	—2			
27	+1,265	+21,6	— 0,99	— 0,4	—2	—2			
Oct. 7	+1,495	+24,3	— 1,19	— 3,8	—2	—1			
17	+1,751	+26,8	— 1,75	— 7,3	—3	—1			
27	+2,030	+28,9	— 2,65	—10,8	—3	—1			
Nov. 6	+2,329	+30,6	— 3,91	—14,1	—3	—1			
16	+2,641	+31,6	— 5,47	—17,0	—3	—1			
26	+2,958	+31,6	— 7,30	—19,4	—3	—1			
Dec. 6	+3,273	+30,9	— 9,35	—21,2	—3	—1			
16	+3,575	+29,1	—11,54	—22,2	—3	—1			
26	+3,855	+26,5	—13,79	—22,5	—2	—1			
36	+4,104	+23,0	—16,04	—22,2	—2	—1			

Diei reducto addendum est:

ante	Aug. 8	+ 1
post	Aug. 8	+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Leonis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	9 55 2,976	+13 10 34,85	1760	Jan. 1	9 55 32,945	+13 7 53,98
	Apr. 10	2,980	34,34		Apr. 10	32,968	54,34
	Jul. 19	2,976	33,88		Jul. 19	33,000	54,64
	Oct. 27	2,962	33,47		Oct. 27	33,040	54,89
	Dec. 66	2,940	33,10		Dec. 66	33,089	55,08
1751	Jan. 0	9 55 6,161	+13 10 16,07	1761	Jan. 0	9 55 36,283	+13 7 37,85
	Apr. 10	6,132	15,73		Apr. 10	36,337	38,00
	Jul. 19	6,094	15,46		Jul. 19	36,398	38,09
	Oct. 27	6,048	15,25		Oct. 27	36,465	38,12
	Dec. 66	5,994	15,10		Dec. 66	36,539	38,08
1752	Jan. 1	9 55 9,225	+13 9 57,99	1762	Jan. 0	9 55 39,725	+13 7 20,93
	Apr. 10	9,165	57,88		Apr. 10	39,802	20,85
	Jul. 19	9,098	57,84		Jul. 19	39,884	20,72
	Oct. 27	9,024	57,86		Oct. 27	39,971	20,53
	Dec. 66	8,944	57,94		Dec. 66	40,062	20,29
1753	Jan. 0	9 55 12,184	+13 9 40,75	1763	Jan. 0	9 55 43,242	+13 7 3,20
	Apr. 10	12,098	40,88		Apr. 10	43,335	2,92
	Jul. 19	12,010	41,07		Jul. 19	43,430	2,58
	Oct. 27	11,917	41,32		Oct. 27	43,526	2,20
	Dec. 66	11,819	41,63		Dec. 66	43,624	1,76
1754	Jan. 0	9 55 15,064	+13 9 24,36	1764	Jan. 1	9 55 46,802	+13 6 44,73
	Apr. 10	14,965	24,71		Apr. 10	46,900	44,27
	Jul. 19	14,864	25,12		Jul. 19	46,997	43,77
	Oct. 27	14,762	25,57		Oct. 27	47,093	43,23
	Dec. 66	14,659	26,08		Dec. 66	47,188	42,65
1755	Jan. 0	9 55 17,906	+13 9 8,74	1765	Jan. 0	9 55 50,367	+13 6 25,67
	Apr. 10	17,803	9,28		Apr. 10	50,460	25,08
	Jul. 19	17,703	9,85		Jul. 19	50,550	24,46
	Oct. 27	17,605	10,45		Oct. 27	50,635	23,83
	Dec. 66	17,509	11,09		Dec. 66	50,717	23,17
1756	Jan. 1	9 55 20,753	+13 8 53,71	1766	Jan. 0	9 55 53,901	+13 6 6,21
	Apr. 10	20,659	54,36		Apr. 10	53,979	5,55
	Jul. 19	20,571	55,03		Jul. 19	54,051	4,88
	Oct. 27	20,589	55,71		Oct. 27	54,117	4,22
	Dec. 66	20,412	56,40		Dec. 66	54,177	3,55
1757	Jan. 0	9 55 23,649	+13 8 39,01	1767	Jan. 0	9 55 57,369	+13 5 46,59
	Apr. 10	23,576	39,70		Apr. 10	57,424	45,93
	Jul. 19	23,511	40,39		Jul. 19	57,470	45,28
	Oct. 27	23,454	41,06		Oct. 27	57,509	44,66
	Dec. 66	23,404	41,73		Dec. 66	57,540	44,06
1758	Jan. 0	9 55 26,632	+13 8 24,34	1768	Jan. 1	9 56 0,742	+13 5 27,07
	Apr. 10	26,588	24,99		Apr. 10	0,767	26,50
	Jul. 19	26,553	25,61		Jul. 19	0,783	25,94
	Oct. 27	26,528	26,20		Oct. 27	0,790	25,43
	Dec. 66	26,510	26,76		Dec. 66	0,788	24,95
1759	Jan. 0	9 55 29,727	+13 8 9,41	1769	Jan. 0	9 56 4,000	+13 5 7,92
	Apr. 10	29,716	9,95		Apr. 10	3,992	7,47
	Jul. 19	29,715	10,44		Jul. 19	3,974	7,08
	Oct. 27	29,723	10,88		Oct. 27	3,948	6,74
	Dec. 66	29,741	11,27		Dec. 66	3,912	6,46

Tabulae X. Sect. I. *α Leonis.*

	1760		1760		Var. 10 annor.	
Jan. 0	+0″,907	+28,6	— 5″,25	—14,6	—3	+1
10	+1,177	+25,1	— 6,60	—12,3	—2	0
20	+1,408	+20,8	— 7,71	— 9,8	—2	0
30	+1,593	+16,1	— 8,56	— 7,1	—2	—1
Febr. 9	+1,729	+11,1	— 9,13	— 4,5	—1	—1
19	+1,814	+ 6,1	— 9,45	— 2,0	0	—1
Mart. 1	+1,850	+ 1,4	— 9,52	+ 0,3	0	—2
11	+1,841	— 2,9	— 9,39	+ 2,2	+1	—2
21	+1,792	— 6,5	— 9,09	+ 3,6	+1	—2
31	+1,711	— 9,3	— 8,67	+ 4,7	+2	—2
Apr. 10	+1,606	—11,3	— 8,15	+ 5,4	+2	—3
20	+1,485	—12,5	— 7,59	+ 5,8	+2	—3
30	+1,356	—13,0	— 7,00	+ 5,8	+3	—3
Maj. 10	+1,226	—12,7	— 6,43	+ 5,6	+3	—2
20	+1,102	—11,9	— 5,88	+ 5,3	+3	—2
30	+0,989	—10,6	— 5,38	+ 4,8	+3	—2
Jun. 9	+0,890	— 9,0	— 4,93	+ 4,2	+3	—2
19	+0,810	— 7,0	— 4,55	+ 3,4	+2	—2
29	+0,750	— 4,9	— 4,25	+ 2,7	+2	—2
Jul. 9	+0,712	— 2,8	— 4,02	+ 1,8	+2	—1
19	+0,695	— 0,5	— 3,89	+ 0,8	+1	—1
29	+0,703	+ 2,1	— 3,87	— 0,4	+1	—1
Aug. 8	+0,736	+ 4,6	— 3,96	— 1,6	0	—1
18	+0,795	+ 7,3	— 4,19	— 3,1	0	—1
28	+0,881	+10,0	— 4,58	— 4,8	—1	0
Sept. 7	+0,995	+12,9	— 5,14	— 6,6	—1	0
17	+1,139	+16,0	— 5,89	— 8,5	—2	0
27	+1,314	+19,1	— 6,84	—10,5	—2	0
Oct. 7	+1,521	+22,2	— 7,99	—12,5	—3	0
17	+1,758	+25,2	— 9,34	—14,4	—3	0
27	+2,025	+28,0	—10,87	—16,1	—4	0
Nov. 6	+2,317	+30,3	—12,55	—17,4	—4	0
16	+2,630	+32,1	—14,34	—18,2	—4	0
26	+2,958	+33,1	—16,18	—18,5	—4	0
Dec. 6	+3,291	+33,1	—18,03	—18,2	—4	—1
16	+3,620	+32,2	—19,81	—17,2	—4	—1
26	+3,934	+30,2	—21,47	—15,8	—4	—1
36	+4,224	+27,4	—22,96	—14,6	—4	—2

	A. R. med.	Decl. med.
1750	9h 55′ 1″,8943	+13° 10′ 39″,564
1751	55 5,1068	10 22,416
1752	55 8,3193	10 5,265
1753	55 11,5316	9 48,113
1754	55 14,7459	9 30,957
1755	55 17,9560	9 13,800
1756	55 21,1680	8 56,640
1657	55 24,3799	8 39,479
1758	55 27,5918	8 22,314
1759	55 30,8035	8 5,148
1760	55 34,0151	7 47,979
1761	55 37,2266	7 30,808
1762	55 40,4380	7 13,634
1763	55 43,6494	6 56,458
1764	55 46,8606	6 39,280
1765	55 50,0717	6 22,099
1766	55 53,2827	6 4,916
1767	55 56,4936	5 47,731
1768	55 59,7044	5 30,544
1769	56 2,9151	5 13,354
1770	56 6,1258	4 56,162

Diei reducto addendum est:

ante } Aug. 19 { + 1
post } Aug. 19 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *β Leonis.*

1750	Jan. 0	11 36 18,409	+15 57 58,66	1760	Jan. 1	11 36 47,054	+15 54 51,08
	Apr. 10	18,408	58,48		Apr. 10	47,081	51,09
	Jul. 19	18,399	58,35		Jul. 19	47,117	51,04
	Oct. 27	18,381	58,28		Oct. 27	47,160	50,94
	Dec. 66	18,354	58,27		Dec. 66	47,211	50,78
1751	Jan. 0	11 36 21,437	+15 57 38,21	1761	Jan. 0	11 36 50,265	+15 54 30,78
	Apr. 10	21,403	38,24		Apr. 10	50,321	30,58
	Jul. 19	21,362	38,32		Jul. 19	50,384	30,34
	Oct. 27	21,313	38,46		Oct. 27	50,452	30,04
	Dec. 66	21,257	38,66		Dec. 66	50,527	29,70
1752	Jan. 1	11 36 24,349	+15 57 18,53	1762	Jan. 0	11 36 53,573	+15 54 9,75
	Apr. 10	24,287	18,76		Apr. 10	53,651	9,38
	Jul. 19	24,218	19,05		Jul. 19	53,733	8,97
	Oct. 27	24,143	19,39		Oct. 27	53,819	8,52
	Dec. 66	24,062	19,78		Dec. 66	53,909	8,04
1753	Jan. 0	11 36 27,162	+15 56 59,58	1763	Jan. 0	11 36 56,950	+15 53 48,14
	Apr. 10	27,077	57 0,00		Apr. 10	57,041	47,63
	Jul. 19	26,989	0,46		Jul. 19	57,134	47,10
	Oct. 27	26,896	0,96		Oct. 27	57,228	46,55
	Dec. 66	26,800	1,50		Dec. 66	57,323	45,97
1754	Jan. 0	11 36 29,905	+15 56 41,26	1764	Jan. 1	11 37 0,363	+15 53 26,10
	Apr. 10	29,807	41,81		Apr. 10	0,458	25,51
	Jul. 19	29,709	42,39		Jul. 19	0,551	24,92
	Oct. 27	29,610	42,99		Oct. 27	0,643	24,32
	Dec. 66	29,511	43,61		Dec. 66	0,734	23,72
1755	Jan. 0	11 36 32,616	+15 56 23,34	1765	Jan. 0	11 37 3,775	+15 53 3,86
	Apr. 10	32,517	23,97		Apr. 10	3,863	3,25
	Jul. 19	32,421	24,60		Jul. 19	3,948	2,66
	Oct. 27	32,328	25,23		Oct. 27	4,028	2,08
	Dec. 66	32,237	25,86		Dec. 66	4,104	1,50
1756	Jan. 1	11 36 35,339	+15 56 5,59	1766	Jan. 0	11 37 7,151	+15 52 41,63
	Apr. 10	35,251	6,22		Apr. 10	7,224	41,07
	Jul. 19	35,168	6,82		Jul. 19	7,290	40,54
	Oct. 27	35,091	7,40		Oct. 27	7,350	40,04
	Dec. 66	35,020	7,97		Dec. 66	7,404	39,56
1757	Jan. 0	11 36 38,115	+15 55 47,72	1767	Jan. 0	11 37 10,458	+15 52 19,65
	Apr. 10	38,049	48,27		Apr. 10	10,507	19,20
	Jul. 19	37,990	48,77		Jul. 19	10,548	18,79
	Oct. 27	37,939	49,24		Oct. 27	10,581	18,42
	Dec. 66	37,895	49,67		Dec. 66	10,606	18,09
1758	Jan. 0	11 36 40,980	+15 55 29,47	1768	Jan. 1	11 37 13,669	+15 51 58,13
	Apr. 10	40,943	29,87		Apr. 10	13,688	57,84
	Jul. 19	40,914	30,22		Jul. 19	13,699	57,60
	Oct. 27	40,894	30,53		Oct. 27	13,701	57,41
	Dec. 66	40,882	30,78		Dec. 66	13,694	57,27
1759	Jan. 0	11 36 43,957	+15 55 10,64	1769	Jan. 0	11 37 16,768	+15 51 37,25
	Apr. 10	43,952	10,85		Apr. 10	16,755	37,15
	Jul. 19	43,956	11,01		Jul. 19	16,733	37,10
	Oct. 27	43,968	11,11		Oct. 27	16,703	37,12
	Dec. 66	43,990	11,16		Dec. 66	16,664	37,19

Tabulae X. Sect. I. β *Leonis*.

	1760		1760		Var. 10 annor.	
Jan. 0	+0″,372	+33,2	— 6″,89	—18,1	—3	+2
10	+0,696	+31,2	— 8,58	—15,5	—3	+1
20	+0,996	+28,4	— 9,98	—12,4	—3	+1
30	+1,264	+24,9	—11,05	— 9,1	—3	0
Febr. 9	+1,493	+20,7	—11,79	— 5,7	—2	0
19	+1,677	+16,2	—12,18	— 2,3	—2	—1
Mart. 1	+1,816	+11,6	—12,24	+ 0,9	—1	—1
11	+1,909	+ 7,2	—12,01	+ 3,6	—1	—1
21	+1,959	+ 3,1	—11,52	+ 5,9	0	—2
31	+1,971	— 0,6	—10,84	+ 7,6	0	—2
Apr. 10	+1,948	— 3,7	—10,01	+ 8,8	+1	—2
20	+1,898	— 6,1	— 9,09	+ 9,4	+1	—2
30	+1,826	— 8,0	— 8,13	+ 9,6	+2	—2
Maj. 10	+1,738	— 9,3	— 7,18	+ 9,3	+2	—2
20	+1,640	—10,1	— 6,27	+ 8,7	+2	—2
30	+1,536	—10,5	— 5,44	+ 7,7	+3	—2
Jun. 9	+1,430	—10,6	— 4,73	+ 6,5	+3	—2
19	+1,325	—10,3	— 4,14	+ 5,2	+3	—2
29	+1,225	— 9,7	— 3,69	+ 3,8	+3	—2
Jul. 9	+1,132	— 8,8	— 3,39	+ 2,1	+3	—1
19	+1,049	— 7,8	— 3,27	+ 0,4	+2	—1
29	+0,977	— 6,4	— 3,31	— 1,4	+2	—1
Aug. 8	+0,921	— 4,7	— 3,54	— 3,3	+2	0
18	+0,884	— 2,7	— 3,96	— 5,2	+1	0
28	+0,868	— 0,3	— 4,58	— 7,3	+1	0
Sept. 7	+0,878	+ 2,5	— 5,41	— 9,4	0	0
17	+0,918	+ 5,7	— 6,46	—11,6	0	+1
27	+0,992	+ 9,3	— 7,73	—13,8	—1	+1
Oct. 7	+1,103	+13,1	— 9,22	—16,0	—1	+1
17	+1,253	+17,0	—10,92	—18,0	—2	+2
27	+1,443	+21,0	—12,82	—19,8	—2	+2
Nov. 6	+1,673	+24,8	—14,88	—21,2	—3	+2
16	+1,939	+28,2	—17,05	—22,1	—3	+2
26	+2,236	+30,9	—19,29	—22,5	—4	+2
Dec. 6	+2,557	+32,9	—21,54	—22,2	—4	+2
16	+2,893	+33,8	—23,72	—21,2	—4	+2
26	+3,233	+33,7	—25,77	—19,5	—4	+2
36	+3,567	+32,6	—27,61	—17,2	—4	+1

	A. R. med.	Decl. med.
1750	11ʰ 36′ 17″,3586	+15° 58′ 4″,996
1751	36 20,4310	57 44,938
1752	36 23,5033	57 24,879
1753	36 26,5756	57 4,820
1754	36 29,6478	56 44,761
1755	36 32,7200	56 24,701
1756	36 35,7920	56 4,641
1757	36 38,8640	55 44,581
1758	36 41,9359	55 24,520
1759	36 45,0077	55 4,459
1760	36 48,0794	54 44,396
1761	36 51,1511	54 24,334
1762	36 54,2227	54 4,272
1763	36 57,2942	53 44,209
1764	37 0,3656	53 24,146
1765	37 3,4369	53 4,083
1766	37 6,5082	52 44,019
1767	37 9,5794	52 23,955
1768	37 12,6505	52 3,891
1769	37 15,7215	51 43,826
1770	37 18,7925	51 23,760

Diei reducto addendum est:

ante } Sept. 16 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *β Virginis.*

1750	Jan. 0	11h 37′ 41″,410	+ 3° 10′ 15″,88	1760	Jan. 1	11h 38′ 10″,620	+ 3° 7′ 6″,25
	Apr. 10	41,422	15,71		Apr. 10	10,635	6,25
	Jul. 19	41,425	15,59		Jul. 19	10,658	6,19
	Oct. 27	41,419	15,53		Oct. 27	10,689	6,08
	Dec. 66	41,405	15,52		Dec. 66	10,728	5,92
1751	Jan. 0	11 37 44,536	+ 3 9 55,25	1761	Jan. 0	11 38 13,839	+ 3 6 45,71
	Apr. 10	44,516	55,28		Apr. 10	13,884	45,51
	Jul. 19	44,487	55,37		Jul. 19	13,935	45,26
	Oct. 27	44,450	55,51		Oct. 27	13,993	44,96
	Dec. 66	44,405	55,71		Dec. 66	14,058	44,62
1752	Jan. 1	11 37 47,546	+ 3 9 35,37	1762	Jan. 0	11 38 17,160	+ 3 6 24,47
	Apr. 10	47,495	35,61		Apr. 10	17,229	24,09
	Jul. 19	47,438	35,90		Jul. 19	17,302	23,68
	Oct. 27	47,373	36,24		Oct. 27	17,380	23,23
	Dec. 66	47,301	36,64		Dec. 66	17,463	22,74
1753	Jan. 0	11 37 50,451	+ 3 9 16,24	1763	Jan. 0	11 38 20,560	+ 3 6 2,63
	Apr. 10	50,375	16,66		Apr. 10	20,645	2,12
	Jul. 19	50,295	17,12		Jul. 19	20,733	1,59
	Oct. 27	50,210	17,62		Oct. 27	20,822	1,04
	Dec. 66	50,120	18,16		Dec. 66	20,914	0,46
1754	Jan. 0	11 37 53,275	+ 3 8 57,71	1764	Jan. 1	11 38 24,008	+ 3 5 40,38
	Apr. 10	53,183	58,27		Apr. 10	24,101	39,79
	Jul. 19	53,089	58,85		Jul. 19	24,193	39,20
	Oct. 27	52,993	59,46		Oct. 27	24,285	38,60
	Dec. 66	52,896	9 0,08		Dec. 66	24,376	38,00
1755	Jan. 0	11 37 56,054	+ 3 8 39,60	1765	Jan. 0	11 38 27,470	+ 3 5 17,93
	Apr. 10	55,956	40,23		Apr. 10	27,560	17,34
	Jul. 19	55,860	40,86		Jul. 19	27,647	16,73
	Oct. 27	55,765	41,49		Oct. 27	27,732	16,15
	Dec. 66	55,672	42,12		Dec. 66	27,813	15,58
1756	Jan. 1	11 37 58,827	+ 3 8 21,64	1766	Jan. 0	11 38 30,911	+ 3 4 55,50
	Apr. 10	58,736	22,26		Apr. 10	30,989	54,94
	Jul. 19	58,650	22,86		Jul. 19	31,062	54,41
	Oct. 27	58,568	23,44		Oct. 27	31,130	53,91
	Dec. 66	58,490	24,01		Dec. 66	31,192	53,44
1757	Jan. 0	11 38 1,640	+ 3 8 3,55	1767	Jan. 0	11 38 34,297	+ 3 4 33,32
	Apr. 10	1,565	4,09		Apr. 10	34,354	32,87
	Jul. 19	1,496	4,60		Jul. 19	34,405	32,47
	Oct. 27	1,437	5,06		Oct. 27	34,449	32,10
	Dec. 66	1,385	5,49		Dec. 66	34,485	31,78
1758	Jan. 0	11 38 4,527	+ 3 7 45,09	1768	Jan. 1	11 38 37,598	+ 3 4 11,61
	Apr. 10	4,479	45,48		Apr. 10	37,629	11,32
	Jul. 19	4,439	45,83		Jul. 19	37,652	11,09
	Oct. 27	4,407	46,12		Oct. 27	37,666	10,90
	Dec. 66	4,384	46,37		Dec. 66	37,671	10,77
1759	Jan. 0	11 38 7,516	+ 3 7 26,02	1769	Jan. 0	11 38 40,795	+ 3 3 50,53
	Apr. 10	7,499	26,23		Apr. 10	40,795	50,44
	Jul. 19	7,490	26,39		Jul. 19	40,786	50,40
	Oct. 27	7,490	26,48		Oct. 27	40,768	50,42
	Dec. 66	7,499	26,52		Dec. 66	40,742	50,50

Tabulae X. Sect. I. *β Virginis.*

	1760		1760		Var. 10 annor.	
Jan. 0	+0″,358	+32,4	— 2″,64	—20,8	—3	+2
10	+0,675	+30,5	— 4,66	—19,4	—3	+2
20	+0,968	+27,7	— 6,51	—17,5	—3	+2
30	+1,229	+24,2	— 8,15	—15,1	—2	+1
Febr. 9	+1,452	+20,2	— 9,55	—12,5	—2	+1
19	+1,632	+15,9	—10,64	— 9,7	—1	+1
Mart. 1	+1,769	+11,6	—11,46	— 6,9	—1	0
11	+1,863	+ 7,4	—12,01	— 4,2	0	0
21	+1,916	+ 3,5	—12,30	— 1,8	0	—1
31	+1,932	+ 0,1	—12,37	+ 0,3	+1	—1
Apr. 10	+1,917	— 2,8	—12,25	+ 2,1	+1	—1
20	+1,876	— 5,1	—11,96	+ 3,5	+2	—1
30	+1,815	— 6,9	—11,56	+ 4,5	+2	—2
Maj. 10	+1,739	— 8,2	—11,06	+ 5,3	+2	—2
20	+1,652	— 9,0	—10,50	+ 5,8	+3	—2
30	+1,560	— 9,4	— 9,90	+ 6,1	+3	—2
Jun. 9	+1,464	— 9,5	— 9,29	+ 6,1	+3	—2
19	+1,370	— 9,3	— 8,69	+ 6,0	+3	—2
29	+1,279	— 8,9	— 8,10	+ 5,7	+3	—2
Jul. 9	+1,193	— 8,2	— 7,55	+ 5,2	+3	—2
19	+1,115	— 7,3	— 7,06	+ 4,6	+3	—2
29	+1,048	— 6,0	— 6,63	+ 3,8	+2	—1
Aug. 8	+0,995	— 4,5	— 6,30	+ 2,7	+2	—1
18	+0,959	— 2,5	— 6,09	+ 1,5	+2	—1
28	+0,945	— 0,2	— 6,01	— 0,1	+1	—1
Sept. 7	+0,955	+ 2,5	— 6,11	— 2,0	+1	—1
17	+0,995	+ 5,7	— 6,41	— 4,1	0	0
27	+1,068	+ 9,2	— 6,93	— 6,4	0	0
Oct. 7	+1,178	+13,0	— 7,69	— 8,9	—1	0
17	+1,327	+16,9	— 8,71	—11,5	—1	+1
27	+1,516	+20,8	— 9,99	—14,1	—2	+1
Nov. 6	+1,743	+24,5	—11,52	—16,4	—2	+1
16	+2,006	+27,8	—13,27	—18,5	—3	+2
26	+2,299	+30,5	—15,21	—20,1	—3	+2
Dec. 6	+2,615	+32,3	—17,28	—21,1	—3	+2
16	+2,945	+33,2	—19,43	—21,6	—3	+2
26	+3,278	+33,0	—21,59	—21,3	—3	+2
36	+3,604	+31,9	—23,68	—20,3	—3	+2

	A. R. med.	Decl. med.
1750	11ʰ 37′ 40″,3958	+ 3° 10′ 22″,234
1751	37 43,5206	10 1,968
1752	37 46,6454	9 41,702
1753	37 49,7702	9 21,435
1754	37 52,8951	9 1,168
1755	37 56,0200	8 40,900
1756	37 59,1448	8 20,632
1757	38 2,2696	8 0,364
1758	38 5,3944	7 40,096
1759	38 8,5192	7 19,827
1760	38 11,6440	6 59,558
1761	38 14,7688	6 39,289
1762	38 17,8936	6 19,019
1763	38 21,0184	5 58,749
1764	38 24,1432	5 38,479
1765	38 27,2679	5 18,207
1766	38 30,3927	4 57,936
1767	38 33,5175	4 37,665
1768	38 36,6423	4 17,393
1769	38 39,7670	8 57,121
1770	38 42,8917	3 36,849

Diei reducto addendum est:

ante	Sept. 16	+ 1
post		+ 2

In mens. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Virginis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	13 12 4,501	— 9 50 58,80	1760	Jan. 1	13 12 33,818	— 9 53 57,16
	Apr. 10	4,525	58,64		Apr. 10	33,821	57,49
	Jul. 19	4,541	58,42		Jul. 19	33,832	57,86
	Oct. 27	4,547	58,15		Oct. 27	33,852	58,28
	Dec. 66	4,545	57,83		Dec. 66	33,881	58,74
1751	Jan. 0	13 12 7,685	— 9 51 17,07	1761	Jan. 0	13 12 37,010	— 9 54 17,70
	Apr. 10	7,676	16,73		Apr. 10	37,044	18,19
	Jul. 19	7,659	16,34		Jul. 19	37,086	18,71
	Oct. 27	7,632	15,88		Oct. 27	37,136	19,26
	Dec. 66	7,598	15,36		Dec. 66	37,193	19,83
1752	Jan. 1	13 12 10,748	— 9 51 34,67	1762	Jan. 0	13 12 40,312	— 9 54 38,75
	Apr. 10	10,707	34,15		Apr. 10	40,374	39,34
	Jul. 19	10,658	33,59		Jul. 19	40,441	39,95
	Oct. 27	10,601	33,01		Oct. 27	40,514	40,56
	Dec. 66	10,537	32,40		Dec. 66	40,593	41,19
1753	Jan. 0	13 12 13,697	— 9 51 51,74	1763	Jan. 0	13 12 43,705	— 9 55 0,10
	Apr. 10	13,628	51,12		Apr. 10	43,787	0,73
	Jul. 19	13,553	50,48		Jul. 19	43,872	1,35
	Oct. 27	13,472	49,83		Oct. 27	43,960	1,96
	Dec. 66	13,386	49,18		Dec. 66	44,052	2,57
1754	Jan. 0	13 12 16,553	— 9 52 8,53	1764	Jan. 1	13 12 47,160	— 9 55 21,49
	Apr. 10	16,463	7,87		Apr. 10	47,253	22,09
	Jul. 19	16,371	7,23		Jul. 19	47,347	22,66
	Oct. 27	16,275	6,59		Oct. 27	47,441	23,21
	Dec. 66	16,177	5,97		Dec. 66	47,536	23,74
1755	Jan. 0	13 12 19,348	— 9 52 25,31	1765	Jan. 0	13 12 50,643	— 9 55 42,68
	Apr. 10	19,248	24,70		Apr. 10	50,738	43,18
	Jul. 19	19,149	24,12		Jul. 19	50,831	43,65
	Oct. 27	19,050	23,58		Oct. 27	50,922	44,08
	Dec. 66	18,952	23,07		Dec. 66	51,010	44,48
1756	Jan. 1	13 12 22,123	— 9 52 42,36	1766	Jan. 0	13 12 54,120	— 9 56 3,46
	Apr. 10	22,026	41,87		Apr. 10	54,206	3,82
	Jul. 19	21,933	41,44		Jul. 19	54,288	4,13
	Oct. 27	21,843	41,05		Oct. 27	54,365	4,39
	Dec. 66	21,756	40,71		Dec. 66	54,437	4,60
1757	Jan. 0	13 12 24,923	— 9 52 59,94	1767	Jan. 0	13 12 57,553	— 9 56 23,65
	Apr. 10	24,839	59,63		Apr. 10	57,621	23,82
	Jul. 19	24,762	59,38		Jul. 19	57,683	23,94
	Oct. 27	24,691	59,19		Oct. 27	57,737	24,00
	Dec. 66	24,627	59,06		Dec. 66	57,786	24,01
1758	Jan. 0	13 12 27,786	— 9 53 18,22	1768	Jan. 1	13 13 0,910	— 9 56 43,12
	Apr. 10	27,726	18,13		Apr. 10	0,953	43,08
	Jul. 19	27,675	18,10		Jul. 19	0,987	42,99
	Oct. 27	27,631	18,12		Oct. 27	1,013	42,84
	Dec. 66	27,596	18,21		Dec. 66	1,031	42,64
1759	Jan. 0	13 12 30,745	— 9 53 37,30	1769	Jan. 0	13 13 4,166	— 9 57 1,82
	Apr. 10	30,715	37,43		Apr. 10	4,178	1,58
	Jul. 19	30,694	37,61		Jul. 19	4,181	1,28
	Oct. 27	30,682	37,85		Oct. 27	4,175	0,94
	Dec. 66	30,679	38,14		Dec. 66	4,160	0,54

Tabulae X. Sect. I. *α Virginis.*

	1760		1760		Var. 10 annor.	
Jan. 0	—0″,185	+33,4	+ 2″,09	—20,2	—3	+[illegible]
10	+0,149	+33,1	+ 0,04	—20,5	—3	+2
20	+0,476	+31,8	— 2,01	—20,2	—3	+2
30	+0,785	+29,7	— 3,99	—19,2	—3	+2
Febr. 9	+1,070	+26,9	— 5,85	—17,8	—2	+2
19	+1,323	+23,7	— 7,54	—15,9	—2	+2
Mart. 1	+1,543	+20,2	— 9,02	—13,7	—2	+2
11	+1,726	+16,5	—10,28	—11,5	—1	+2
21	+1,873	+13,0	—11,31	— 9,2	0	+2
31	+1,986	+ 9,6	—12,11	— 6,9	0	+1
Apr. 10	+2,065	+ 6,5	—12,69	— 4,8	+1	+1
20	+2,115	+ 3,6	—13,06	— 2,9	+1	+1
30	+2,137	+ 1,1	—13,26	— 1,2	+2	+1
Maj. 10	+2,136	— 1,2	—13,30	+ 0,3	+2	0
20	+2,113	— 3,3	—13,21	+ 1,6	+3	0
30	+2,070	— 5,1	—12,99	+ 2,7	+3	0
Jun. 9	+2,011	— 6,7	—12,67	+ 3,6	+3	0
19	+1,937	— 8,1	—12,27	+ 4,4	+3	—1
29	+1,850	— 9,3	—11,79	+ 5,1	+4	—1
Jul. 9	+1,751	—10,2	—11,25	+ 5,6	+4	—1
19	+1,646	—10,8	—10,67	+ 6,0	+4	—1
29	+1,536	—11,0	—10,05	+ 6,3	+3	—1
Aug. 8	+1,427	—10,7	— 9,42	+ 6,3	+3	—1
18	+1,322	—10,0	— 8,80	+ 6,0	+3	—1
28	+1,228	— 8,5	— 8,22	+ 5,5	+3	—1
Sept. 7	+1,152	— 6,4	— 7,71	+ 4,5	+2	—1
17	+1,100	— 3,7	— 7,32	+ 3,2	+2	—1
27	+1,079	— 0,3	— 7,08	+ 1,5	+1	0
Oct. 7	+1,095	+ 3,7	— 7,02	— 0,6	+1	0
17	+1,152	+ 8,0	— 7,20	— 3,1	0	0
27	+1,255	+12,7	— 7,63	— 5,7	0	+1
Nov. 6	+1,405	+17,3	— 8,34	— 8,5	—1	+1
16	+1,601	+21,8	— 9.33	—11,3	—1	+2
26	+1,840	+25,8	—10,60	—14,0	—1	+2
Dec. 6	+2,116	+29,1	—12,12	—16,3	—2	+3
16	+2,421	+31,5	—13,86	—18,3	—2	+3
26	+2,746	+33,0	—15,78	—19,7	—2	+3
36	+3,080	+33,4	—17,80	—20,4	—2	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1750	13 12 3,4912	— 9 50 52,048
1751	12 6,6287	51 11,181
1752	12 9,7664	51 30,313
1753	12 12,9042	51 49,443
1754	12 16,0420	52 8,572
1755	12 19,1800	52 27,699
1756	12 22,3181	52 46,825
1757	12 25,4563	53 5,949
1758	12 28,5946	53 25,072
1759	12 31,7330	53 44,193
1760	12 34,8717	54 3,313
1761	12 38,0104	54 22,431
1762	12 41,1492	54 41,548
1763	12 44,2881	55 0,663
1764	12 47,4271	55 19,777
1765	12 50,5661	55 38,888
1766	12 53,7053	55 57,998
1767	12 56,8446	56 17,107
1768	12 59,9841	56 36,214
1769	13 3,1237	56 55,325
1770	13 6,2634	57 14,425

Diei reducto addendum est:

ante } Oct. 12 { + 1
post } Oct. 12 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Bootis.*

1750	Jan. 0	14ʰ 4′ 16″,977	+20° 29′ 34″,90	1760	Jan. 1	14ʰ 4′ 42″,409	+20° 26′ 35″,29
	Apr. 10	16,973	35,23		Apr. 10	42,437	34,80
	Jul. 19	16,961	35,62		Jul. 19	42,473	34,27
	Oct. 27	16,942	36,06		Oct. 27	42,515	33,71
	Dec. 66	16,914	36,55		Dec. 66	42,565	33,11
1751	Jan. 0	14 4 19,655	+20 29 17,22	1761	Jan. 0	14 4 45,279	+20 26 14,17
	Apr. 10	19,622	17,74		Apr. 10	45,333	13,56
	Jul. 19	19,582	18,30		Jul. 19	45,392	12,93
	Oct. 27	19,534	18,89		Oct. 27	45,457	12,28
	Dec. 66	19,479	19,51		Dec. 66	45,527	11,61
1752	Jan. 1	14 4 22,230	+20 29 0,14	1762	Jan. 0	14 4 48,235	+20 25 52,70
	Apr. 10	22,171	0,78		Apr. 10	48,308	52,03
	Jul. 19	22,106	1,44		Jul. 19	48,385	51,36
	Oct. 27	22,036	2,11		Oct. 27	48,464	50,70
	Dec. 66	21,959	2,80		Dec. 66	48,547	50,04
1753	Jan. 0	14 4 24,717	+20 28 43,42	1763	Jan. 0	14 4 51,251	+20 25 31,13
	Apr. 10	24,638	44,11		Apr. 10	51,335	30,48
	Jul. 19	24,555	44,79		Jul. 19	51,420	29,85
	Oct. 27	24,470	45,47		Oct. 27	51,506	29,24
	Dec. 66	24,382	46,15		Dec. 66	51,592	28,66
1754	Jan. 0	14 4 27,143	+20 28 26,77	1764	Jan. 1	14 4 54,295	+20 25 9,72
	Apr. 10	27,054	27,43		Apr. 10	54,381	9,16
	Jul. 19	26,964	28,06		Jul. 19	54,466	8,64
	Oct. 27	26,874	28,66		Oct. 27	54,549	8,15
	Dec. 66	26,783	29,24		Dec. 66	54,630	7,70
1755	Jan. 0	14 4 29,545	+20 28 9,90	1765	Jan. 0	14 4 57,335	+20 24 48,72
	Apr. 10	29,456	10,45		Apr. 10	57,414	48,30
	Jul. 19	29,369	10,96		Jul. 19	57,490	47,93
	Oct. 27	29,285	11,41		Oct. 27	57,561	47,62
	Dec. 66	29,204	11,82		Dec. 66	57,628	47,36
1756	Jan. 1	14 4 31,962	+20 27 52,54	1766	Jan. 0	14 5 0,338	+20 24 28,32
	Apr. 10	31,883	52,92		Apr. 10	0,402	28,10
	Jul. 19	31,810	53,23		Jul. 19	0,460	27,93
	Oct. 27	31,742	53,48		Oct. 27	0,512	27,82
	Dec. 66	31,680	53,68		Dec. 66	0,558	27,77
1757	Jan. 0	14 4 34,432	+20 27 34,47	1767	Jan. 0	14 5 3,275	+20 24 8,66
	Apr. 10	34,374	34,62		Apr. 10	3,317	8,65
	Jul. 19	34,323	34,71		Jul. 19	3,351	8,71
	Oct. 27	34,279	34,73		Oct. 27	3,378	8,82
	Dec. 66	34,242	34,69		Dec. 66	3,398	8,99
1758	Jan. 0	14 4 36,985	+20 27 15,57	1768	Jan. 1	14 5 6,124	+20 23 49,80
	Apr. 10	36,954	15,48		Apr. 10	6,133	50,02
	Jul. 19	36,931	15,33		Jul. 19	6,144	50,29
	Oct. 27	39,916	15,12		Oct. 27	6,142	50,62
	Dec. 66	36,909	14,85		Dec. 66	6,133	51,00
1759	Jan. 0	14 4 39,642	+20 26 55,81	1769	Jan. 0	14 5 8,869	+20 23 31,74
	Apr. 10	39,641	55,50		Apr. 10	8,853	32,16
	Jul. 19	39,648	55,14		Jul. 19	8,830	32,62
	Oct. 27	39,663	54,73		Oct. 27	8,799	33,13
	Dec. 66	39,686	54,27		Dec. 66	8,761	33,68

Tabulae X. Sect. I. *α Bootis.*

	1760		1760		Var. 10 annor.	
Jan. 0	—0,529″	+32,1	— 7,69″	—24,3	—3	+2
10	—0,202	+33,0	—10,00	—21,6	—3	+2
20	+0,130	+32,9	—12,00	—18,2	—3	+2
30	+0,456	+31,9	—13,64	—14,3	—3	+2
Febr. 9	+0,768	+30,1	—14,85	—10,0	—3	+1
19	+1,058	+27,6	—15,63	— 5,6	—3	+1
Mart. 1	+1,319	+24,5	—15,96	— 1,1	—2	+1
11	+1,548	+21,2	—15,85	+ 3,1	—2	0
21	+1,742	+17,6	—15,35	+ 6,8	—2	0
31	+1,900	+14,1	—14,49	+10,1	—1	0
Apr. 10	+2,024	+10,7	—13,34	+12,6	—1	—1
20	+2,113	+ 7,3	—11,97	+14,4	0	—1
30	+2,170	+ 4,2	—10,46	+15,5	0	—1
Maj. 10	+2,197	+ 1,3	— 8,87	+16,0	+1	—1
20	+2,196	— 1,4	— 7,27	+15,8	+1	—1
30	+2,169	— 3,9	— 5,72	+15,0	+1	—1
Jun. 9	+2,118	— 6,2	— 4,28	+13,6	+2	—1
19	+2,046	— 8,2	— 3,00	+11,9	+2	—1
29	+1,954	—10,1	— 1,91	+ 9,9	+2	—1
Jul. 9	+1,844	—11,7	— 1,03	+ 7,5	+3	—1
19	+1,720	—13,0	— 0,41	+ 5,0	+3	0
29	+1,585	—13,8	— 0,04	+ 2,4	+3	0
Aug. 8	+1,444	—14,2	+ 0,06	— 0,5	+3	0
18	+1,301	—14,1	— 0,13	— 3,4	+3	0
28	+1,163	—13,3	— 0,61	— 6,3	+3	+1
Sept. 7	+1,036	—11,8	— 1,38	— 9,2	+2	+1
17	+0,927	— 9,6	— 2,44	—12,1	+2	+2
27	+0,844	— 6,7	— 3,79	—15,0	+2	+2
Oct. 7	+0,794	— 3,0	— 5,43	—17,8	+1	+2
17	+0,784	+ 1,2	— 7,34	—20,4	+1	+3
27	+0,818	+ 5,9	— 9,50	—22,8	0	+3
Nov. 6	+0,901	+10,8	—11,89	—24,8	0	+4
16	+1,033	+15,7	—14,45	—26,3	—1	+4
26	+1,215	+20,4	—17,14	—27,2	—1	+4
Dec. 6	+1,441	+24,6	—19,89	—27,5	—2	+4
16	+1,707	+28,2	—22,63	—26,9	—2	+5
26	+2,005	+30,9	—25,27	—25,5	—2	+5
36	+2,324	+32,6	—27,73	—23,4	—3	+4

	A. R. med.	Decl. med.
1750	14ʰ 4′ 16,0197″	+20° 29′ 41,376″
1751	4 18,7511	29 22,217
1752	4 21,4825	29 3,059
1753	4 24,2140	28 43,904
1754	4 26,9455	28 24,751
1755	4 29,6770	28 5,600
1756	4 32,4085	27 46,452
1757	4 35,1400	27 27,305
1758	4 37,8715	27 8,161
1759	4 40,6030	26 49,019
1760	4 43,3346	26 29,879
1761	4 46,0662	26 10,741
1762	4 48,7978	25 51,605
1763	4 51,5294	25 32,472
1764	4 54,2610	25 13,341
1765	4 56,9925	24 54,211
1766	4 59,7241	24 35,084
1767	5 2,4557	24 15,960
1768	5 5,1874	23 56,837
1769	5 7,9191	23 37,716
1770	5 10,6508	23 18,597

Diei reducto addendum est:

ante } Oct. 26 { + 1
post } Oct. 26 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. 1 *α Librae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	14 36 55,359	—14 56 33,47	1760	Jan. 1	14 37 26,087	—14 58 58,60
	Apr. 10	55,386	33,03		Apr. 10	26,089	59,18
	Jul. 19	55,404	32,54		Jul. 19	26,099	59,80
	Oct. 27	55,413	32,01		Oct. 27	26,118	59 0,43
	Dec. 66	55,412	31,43		Dec. 66	26,147	1,10
1751	Jan. 0	14 36 58,702	—14 56 47,25	1761	Jan. 0	14 37 29,427	—14 59 16,47
	Apr. 10	58,695	46,64		Apr. 10	29,461	17,14
	Jul. 19	58,679	46,01		Jul. 19	29,504	17,83
	Oct. 27	58,653	45,35		Oct. 27	29,554	18,53
	Dec. 66	58,618	44,66		Dec. 66	29,613	19,23
1752	Jan. 1	14 37 1,919	—14 57 0,51	1762	Jan. 0	14 37 32,883	—14 59 34,58
	Apr. 10	1,878	56 59,81		Apr. 10	32,946	35,28
	Jul. 19	1,828	59,10		Jul. 19	33,016	35,97
	Oct. 27	1,770	58,38		Oct. 27	33,091	36,65
	Dec. 66	1,704	57,66		Dec. 66	33,173	37,31
1753	Jan. 0	14 37 5,015	—14 57 13,52	1763	Jan. 0	14 37 36,435	—14 59 52,67
	Apr. 10	4,944	12,80		Apr. 10	36,520	53,32
	Jul. 19	4,867	12,10		Jul. 19	36,609	53,93
	Oct. 27	4,783	11,42		Oct. 27	36,701	54,51
	Dec. 66	4,693	10,75		Dec. 66	36,797	55,07
1754	Jan. 0	14 37 8,012	—14 57 26,59	1764	Jan. 1	14 37 40,055	—15 0 10,47
	Apr. 10	7,919	25,94		Apr. 10	40,153	10,99
	Jul. 19	7,822	25,33		Jul. 19	40,251	11,47
	Oct. 27	7,722	24,76		Oct. 27	40,350	11,90
	Dec. 66	7,619	24,23		Dec. 66	40,450	12,28
1755	Jan. 0	14 37 10,943	—14 57 40,01	1765	Jan. 0	14 37 43,708	—15 0 27,73
	Apr. 10	10,839	39,51		Apr. 10	43,807	28,08
	Jul. 19	10,735	39,06		Jul. 19	43,905	28,37
	Oct. 27	10,631	38,67		Oct. 27	44,001	28,60
	Dec. 66	10,527	38,34		Dec. 66	44,094	28,78
1756	Jan. 1	14 37 13,851	—14 57 54,05	1766	Jan. 0	14 37 47,354	—15 0 44,30
	Apr. 10	13,749	53,76		Apr. 10	47,445	44,43
	Jul. 19	13,650	53,53		Jul. 19	47,532	44,50
	Oct. 27	13,554	53,37		Oct. 27	47,514	44,51
	Dec. 66	13,462	53,28		Dec. 66	47,691	44,45
1757	Jan. 0	14 37 16,782	—14 58 8,90	1767	Jan. 0	14 37 50,957	—15 1 0,05
	Apr. 10	16,693	8,85		Apr. 10	51,030	0 59,95
	Jul. 19	16,612	8,87		Jul. 19	51,096	59,79
	Oct. 27	16,536	8,96		Oct. 27	51,155	59,57
	Dec. 66	16,467	9,11		Dec. 66	51,208	59,29
1758	Jan. 0	14 37 19,779	—14 58 24,65	1768	Jan. 1	14 37 54,482	—15 1 14,95
	Apr. 10	19,714	24,85		Apr. 10	54,529	14,63
	Jul. 19	19,658	25,10		Jul. 19	54,567	14,26
	Oct. 27	19,611	25,42		Oct. 27	54,596	13,83
	Dec. 66	19,572	25,80		Dec. 66	54,616	13,34
1759	Jan. 0	14 37 22,874	—14 58 41,26	1769	Jan. 0	14 37 57,902	—15 1 29,08
	Apr. 10	22,841	41,68		Apr. 10	57,916	28,56
	Jul. 19	22,817	42,14		Jul. 19	57,921	28,01
	Oct. 27	22,802	42,65		Oct. 27	57,919	27,41
	Dec. 66	22,797	43,20		Dec. 66	57,903	26,78

Tabulae X. Sect. I. 1 *α Librae.*

	1760		1760		Var. 10 annor.	
	″		″			
Jan. 0	−0,668	+31,8	+ 3,39	−15,6	−3	+1
10	−0,342	+32,9	+ 1,77	−16,5	−3	+1
20	−0,010	+33,2	+ 0,09	−16,9	−3	+2
30	+0,321	+32,6	− 1,60	−16,7	−3	+2
Febr. 9	+0,642	+31,2	− 3,25	−16,0	−3	+2
19	+0,944	+29,2	− 4,80	−15,8	−3	+2
Mart. 1	+1,225	+26,8	− 6,21	−13,3	−2	+2
11	+1,479	+24,0	− 7,46	−11,6	−2	+3
21	+1,705	+21,2	− 8,53	− 9,8	−1	+3
31	+1,902	+18,2	− 9,41	− 7,9	−1	+3
Apr. 10	+2,069	+15,3	−10,11	− 6,2	0	+2
20	+2,208	+12,5	−10,64	− 4,5	0	+2
30	+2,318	+ 9,6	−11,01	− 3,0	+1	+2
Maj. 10	+2,400	+ 6,8	−11,24	− 1,7	+1	+2
20	+2,454	+ 4,1	−11,34	− 0,6	+2	+2
30	+2,482	+ 1,5	−11,35	+ 0,4	+2	+2
Jun. 9	+2,483	− 1,3	−11,26	+ 1,3	+3	+2
19	+2,457	− 3,9	−11,09	+ 2,1	+3	+1
29	+2,406	− 6,3	−10,85	+ 2,8	+4	+1
Jul. 9	+2,331	− 8,6	−10,54	+ 3,4	+4	+1
19	+2,234	−10,6	−10,18	+ 4,0	+4	+1
29	+2,119	−12,2	− 9,75	+ 4,5	+4	+1
Aug. 8	+1,990	−13,4	− 9,28	+ 4,9	+4	0
18	+1,852	−14,4	− 8,78	+ 5,2	+4	0
28	+1,713	−14,2	− 8,25	+ 5,2	+4	0
Sept. 7	+1,579	−12,7	− 7,74	+ 5,0	+3	0
17	+1,460	−10,7	− 7,25	+ 4,6	+3	0
27	+1,365	− 8,0	− 6,83	+ 3,7	+3	0
Oct. 7	+1,300	− 4,5	− 6,52	+ 2,5	+2	0
17	+1,275	− 0,3	− 6,35	+ 0,9	+2	+1
27	+1,295	+ 4,5	− 6,35	− 1,1	+1	+1
Nov. 6	+1,365	+ 9,6	− 6,57	− 3,4	+1	+1
16	+1,486	+14,6	− 7,03	− 5,8	0	+2
26	+1,657	+19,4	− 7,73	− 8,3	0	+2
Dec. 6	+1,876	+23,8	− 8,69	−10,7	−1	+3
16	+2,135	+27,6	− 9,87	−12,8	−1	+3
26	+2,427	+30,4	−11,25	−14,7	−1	+4
36	+2,743	+32,4	−12,80	−16,0	−2	+4

	A. R. med.			Decl. med.		
	h	′	″	°	′	″
1750	14	36	54,3030	−14	56	27,328
1751		36	57,5914		56	42,949
1752		37	0,8800		56	58,566
1753		37	4,1687		57	14,181
1754		37	7,4576		57	29,792
1755		37	10,7467		57	45,400
1756		37	14,0359		58	1,005
1757		37	17,3253		58	16,607
1758		37	20,6148		58	32,206
1759		37	23,9045		58	47,802
1760		37	27,1943		59	3,395
1761		37	30,4843		59	18,985
1762		37	33,7744		59	34,571
1763		37	37,0647		59	50,155
1764		37	40,3552	−15	0	5,735
1765		37	43,6458		0	21,312
1766		37	46,9366		0	36,887
1767		37	50,2275		0	52,458
1768		37	53,5186		1	8,026
1769		37	56,8098		1	23,590
1770		38	0,1012		1	39,152

Diei reducto addendum est:

ante } Nov. 3 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. 2*α Librae*.

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	14 37 6,583	—14 59 17,31	1760	Jan. 1	14 37 37,330	— 15 1 42,16
	Apr. 10	6,610	16,87		Apr. 10	37,332	42,74
	Jul. 19	6,628	16,38		Jul. 19	37,342	43,35
	Oct. 27	6,637	15,84		Oct. 27	37,361	43,99
	Dec. 66	6,636	15,26		Dec. 66	37,390	44,66
1751	Jan. 0	14 37 9,928	—14 59 31,06	1761	Jan. 0	14 37 40,671	— 15 2 0,00
	Apr. 10	9,921	30,45		Apr. 10	40,706	0,68
	Jul. 19	9,904	29,82		Jul. 19	40,749	1,36
	Oct. 27	9,878	29,16		Oct. 27	40,799	2,06
	Dec. 66	9,843	28,47		Dec. 66	40,858	2,76
1752	Jan. 1	14 37 13,147	—14 59 44,29	1762	Jan. 0	14 37 44,129	— 15 2 18,09
	Apr. 10	13,106	43,59		Apr. 10	44,192	18,79
	Jul. 19	13,056	42,88		Jul. 19	44,262	19,47
	Oct. 27	12,998	42,16		Oct. 27	44,338	20,15
	Dec. 66	12,932	41,44		Dec. 66	44,420	20,81
1753	Jan. 0	14 37 16,245	—14 59 57,27	1763	Jan. 0	14 37 47,684	— 15 2 36,15
	Apr. 10	16,174	56,55		Apr. 10	47,769	36,79
	Jul. 19	16,096	55,85		Jul. 19	47,858	37,41
	Oct. 27	16,012	55,17		Oct. 27	47,950	37,99
	Dec. 66	15,922	54,51		Dec. 66	48,046	38,54
1754	Jan. 0	14 37 19,244	—15 0 10,31	1764	Jan. 1	14 37 51,306	— 15 2 53,91
	Apr. 10	19,151	9,66		Apr. 10	51,404	54,43
	Jul. 19	19,054	9,05		Jul. 19	51,502	54,91
	Oct. 27	18,954	8,48		Oct. 27	51,601	55,34
	Dec. 66	18,851	7,95		Dec. 66	51,701	55,72
1755	Jan. 0	14 37 22,177	—15 0 23,70	1765	Jan. 0	14 37 54,960	— 15 3 11,15
	Apr. 10	22,073	23,20		Apr. 10	55,060	11,49
	Jul. 19	21,969	22,76		Jul. 19	55,158	11,78
	Oct. 27	21,865	22,37		Oct. 27	55,253	12,01
	Dec. 66	21,761	22,04		Dec. 66	55,347	12,19
1756	Jan. 1	14 37 25,087	—15 0 37,72	1766	Jan. 0	14 37 58,609	— 15 3 27,68
	Apr. 10	24,984	37,43		Apr. 10	58,700	27,81
	Jul. 19	24,885	37,20		Jul. 19	58,787	27,88
	Oct. 27	24,790	37,04		Oct. 27	58,869	27,89
	Dec. 66	24,698	36,95		Dec. 66	58,947	27,83
1757	Jan. 0	14 37 28,019	—15 0 52,54	1767	Jan. 0	14 38 2,214	— 15 3 43,40
	Apr. 10	27,931	52,49		Apr. 10	2,287	43,30
	Jul. 19	27,849	52,51		Jul. 19	2,353	43,14
	Oct. 27	27,773	52,60		Oct. 27	2,413	42,92
	Dec. 66	27,703	52,75		Dec. 66	2,465	42,64
1758	Jan. 0	14 37 31,018	—15 1 8,26	1768	Jan. 1	14 38 5,741	— 15 3 58,28
	Apr. 10	30,953	8,46		Apr. 10	5,788	57,95
	Jul. 19	30,897	8,72		Jul. 19	5,826	57,58
	Oct. 27	30,850	9,03		Oct. 27	5,855	57,15
	Dec. 66	30,811	9,41		Dec. 66	5,876	56,66
1759	Jan. 0	14 37 34,115	—15 1 24,84	1769	Jan. 0	14 38 9,163	— 15 4 12,37
	Apr. 10	34,082	25,26		Apr. 10	9,177	11,85
	Jul. 19	34,058	25,72		Jul. 19	9,182	11,30
	Oct. 27	34,043	26,23		Oct. 27	9,178	10,70
	Dec. 66	34,038	26,79		Dec. 66	9,164	10,07

Tabulae X. Sect. I. 2 *α Librae.*

	1760		1760		Var. 10 annor.	
	″		″			
Jan. 0	−0,669	+31,8	+ 3,40	−15,5	−3	+1
10	−0,344	+32,9	+ 1,79	−16,5	−3	+1
20	−0,011	+33,2	+ 0,11	−16,9	−3	+2
30	+0,320	+32,6	− 1,58	−16,7	−3	+2
Febr. 9	+0,641	+31,2	− 3,23	−16,0	−3	+2
19	+0,944	+29,2	− 4,78	−14,8	−3	+2
Mart. 1	+1,225	+26,8	− 6,19	−13,4	−2	+2
11	+1,479	+24,0	− 7,45	−11,6	−2	+3
21	+1,705	+21,2	− 8,51	− 9,8	−1	+3
31	+1,902	+18,3	− 9,40	− 8,0	−1	+3
Apr. 10	+2,070	+15,3	−10,10	− 6,1	0	+2
20	+2,208	+12,5	−10,62	− 4,5	0	+2
30	+2,319	+ 9,7	−10,99	− 3,0	+1	+2
Maj. 10	+2,401	+ 6,9	−11,22	− 1,7	+1	+2
20	+2,456	+ 4,2	−11,33	− 0,6	+2	+2
30	+2,484	+ 1,5	−11,34	+ 0,4	+2	+2
Jun. 9	+2,485	− 1,3	−11,25	+ 1,3	+3	+2
19	+2,459	− 3,8	−11,09	+ 2,0	+3	+1
29	+2,409	− 6,3	−10,85	+ 2,8	+4	+1
Jul. 9	+2,333	− 8,6	−10,54	+ 3,4	+4	+1
19	+2,237	−10,6	−10,17	+ 4,0	+4	+1
29	+2,121	−12,3	− 9,75	+ 4,5	+4	+1
Aug. 8	+1,992	−13,4	− 9,28	+ 4,9	+4	0
18	+1,854	−13,9	− 8,78	+ 5,2	+4	0
28	+1,715	−13,7	− 8,25	+ 5,3	+4	0
Sept. 7	+1,581	−12,7	− 7,73	+ 5,0	+3	0
17	+1,462	−10,8	− 7,25	+ 4,5	+3	0
27	+1,366	− 8,0	− 6,83	+ 3,7	+3	0
Oct. 7	+1,302	− 4,5	− 6,51	+ 2,5	+2	0
17	+1,277	− 0,3	− 6,33	+ 0,9	+2	+1
27	+1,297	+ 4,5	− 6,34	− 1,1	+1	+1
Nov. 6	+1,366	+ 9,5	− 6,55	− 3,4	+1	+1
16	+1,487	+14,6	− 7,01	− 5,8	0	+2
26	+1,658	+19,5	− 7,71	− 8,2	0	+2
Dec. 6	+1,877	+23,9	− 8,65	−10,6	−1	+3
16	+2,136	+27,6	− 9,83	−12,9	−1	+3
26	+2,428	+30,4	−11,22	−14,6	−1	+4
36	+2,743	+32,4	−12,75	−16,0	−2	+4

	A. R. med.	Decl. med.
1750	14ʰ 37′ 5,5264″	−14° 59′ 11,171″
1751	37 8,8168	59 26,763
1752	37 12,1074	59 42,352
1753	37 15,3981	59 57,938
1754	37 18,6890	−15 0 13,521
1755	37 21,9800	0 29,100
1756	37 25,2712	0 44,676
1757	37 28,5625	1 0,249
1758	37 31,8540	1 15,818
1759	37 35,1457	1 31,385
1760	37 38,4375	1 46,950
1761	37 41,7295	2 2,511
1762	37 45,0216	2 18,069
1763	37 48,3139	2 33,623
1764	37 51,6063	2 49,174
1765	37 54,8989	3 4,722
1766	37 58,1916	3 20,267
1767	38 1,4845	3 35,809
1768	38 4,7776	3 51,348
1769	38 8,0708	4 6,884
1770	38 11,3642	4 22,416

Diei reducto addendum est:

ante	Nov. 3	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Coronae.*

1750	Jan. 0	15ʰ 24′ 7″,525	+27° 34′ 10″,08	1760	Jan. 1	15ʰ 24′ 31″,176	+27° 32′ 12″,50
	Apr. 10	7,520	10,66		Apr. 10	31,204	11,81
	Jul. 19	7,507	11,27		Jul. 19	31,238	11,10
	Oct. 27	7,487	11,92		Oct. 27	31,278	10,38
	Dec. 66	7,459	12,61		Dec. 66	31,325	9,64
1751	Jan. 0	15 24 10,004	+27 33 59,69	1761	Jan. 0	15 24 33,844	+27 31 57,23
	Apr. 10	9,972	34 0,40		Apr. 10	33,895	56,48
	Jul. 19	9,933	1,12		Jul. 19	33,950	55,74
	Oct. 27	9,888	1,86		Oct. 27	34,010	55,00
	Dec. 66	9,837	2,62		Dec. 66	34,074	54,27
1752	Jan. 1	15 24 12,390	+27 33 49,68	1762	Jan. 0	15 24 36,587	+27 31 41,86
	Apr. 10	12,334	50,44		Apr. 10	36,655	41,14
	Jul. 19	12,274	51,19		Jul. 19	36,725	40,44
	Oct. 27	12,209	51,94		Oct. 27	36,798	39,77
	Dec. 66	12,139	52,68		Dec. 66	36,873	39,13
1753	Jan. 0	15 24 14,698	+27 33 39,75	1763	Jan. 0	15 24 39,382	+27 31 26,69
	Apr. 10	14,625	40,48		Apr. 10	39,459	26,07
	Jul. 19	14,550	41,17		Jul. 19	39,536	25,50
	Oct. 27	14,472	41,83		Oct. 27	39,614	24,97
	Dec. 66	14,392	42,47		Dec. 66	39,692	24,48
1754	Jan. 0	15 24 16,954	+27 33 29,58	1764	Jan. 1	15 24 42,201	+27 31 11,99
	Apr. 10	16,872	30,19		Apr. 10	42,279	11,54
	Jul. 19	16,791	30,74		Jul. 19	42,355	11,15
	Oct. 27	16,710	31,24		Oct. 27	42,429	10,81
	Dec. 66	16,629	31,69		Dec. 66	42,502	10,53
1755	Jan. 0	15 24 19,190	+27 33 18,87	1765	Jan. 0	15 24 45,013	+27 30 57,97
	Apr. 10	19,110	19,28		Apr. 10	45,084	57,73
	Jul. 19	19,032	19,62		Jul. 19	45,151	57,56
	Oct. 27	18,957	19,90		Oct. 27	45,214	57,46
	Dec. 66	18,885	20,11		Dec. 66	45,274	57,42
1756	Jan. 1	15 24 21,443	+27 33 7,37	1766	Jan. 0	15 24 47,790	+27 30 44,78
	Apr. 10	21,373	7,54		Apr. 10	47,846	44,78
	Jul. 19	21,308	7,63		Jul. 19	47,897	44,85
	Oct. 27	21,249	7,65		Oct. 27	47,942	44,99
	Dec. 66	21,194	7,60		Dec. 66	47,982	45,19
1757	Jan. 0	15 24 23,746	+27 32 54,96	1767	Jan. 0	15 24 50,505	+27 30 32,48
	Apr. 10	23,695	54,86		Apr. 10	50,540	32,73
	Jul. 19	23,651	54,69		Jul. 19	50,569	33,03
	Oct. 27	23,613	54,46		Oct. 27	50,591	33,40
	Dec. 66	23,582	54,15		Dec. 66	50,607	33,82
1758	Jan. 0	15 24 26,127	+27 32 41,59	1768	Jan. 1	15 24 53,138	+27 30 21,04
	Apr. 10	26,101	41,24		Apr. 10	53,149	21,50
	Jul. 19	26,082	40,84		Jul. 19	53,152	22,01
	Oct. 27	26,071	40,38		Oct. 27	53,148	22,57
	Dec. 66	26,067	39,86		Dec. 66	53,137	23,18
1759	Jan. 0	15 24 28,602	+27 32 27,38	1769	Jan. 0	15 24 55,677	+27 30 10,34
	Apr. 10	28,603	26,83		Apr. 10	55,661	10,98
	Jul. 19	28,612	26,24		Jul. 19	55,638	11,65
	Oct. 27	28,627	25,61		Oct. 27	55,608	12,34
	Dec. 66	28,650	24,94		Dec. 66	55,571	13,07

Tabulae X. Sect. I. *α Coronae.*

	1760		1760		Var. 10 annor.	
Jan. 0	−1″,007	+28,2	−7″,85	−27,4	−2	+2
10	−0,711	+30,7	−10,48	−24,7	−2	+2
20	−0,393	+32,3	−12,30	−21,5	−2	+2
30	−0,065	+32,9	−14,73	−17,1	−3	+2
Febr. 9	+0,265	+32,7	−16,21	−12,3	−3	+1
19	+0,589	+31,7	−17,18	−7,2	−3	+1
Mart. 1	+0,898	+29,9	−17,64	−2,0	−3	+1
11	+1,186	+27,6	−17,57	+3,2	−3	0
21	+1,449	+24,9	−17,01	+7,9	−2	0
31	+1,684	+21,9	−15,99	+12,2	−2	0
Apr. 10	+1,887	+18,7	−14,57	+15,8	−2	0
20	+2,058	+15,5	−12,83	+18,6	−1	−1
30	+2,196	+12,2	−10,85	+20,6	−1	−1
Maj. 10	+2,301	+8,8	−8,71	+21,8	0	−1
20	+2,371	+5,3	−6,49	+22,2	0	−1
30	+2,407	+2,0	−4,28	+21,7	+1	−1
Jun. 9	+2,411	−1,3	−2,15	+20,5	+1	−1
19	+2,382	−4,5	−0,16	+18,8	+1	0
29	+2,321	−7,6	+1,63	+16,7	+2	0
Jul. 9	+2,230	−10,5	+3,17	+14,1	+2	0
19	+2,112	−13,0	+4,44	+11,1	+2	0
29	+1,970	−15,2	+5,39	+7,8	+2	0
Aug. 8	+1,808	−16,9	+6,00	+4,4	+3	+1
18	+1,632	−18,0	+6,27	+0,9	+3	+1
28	+1,448	−18,4	+6,18	−2,7	+3	+1
Sept. 7	+1,264	−18,0	+5,73	−6,4	+3	+2
17	+1,088	−16,8	+4,91	−10,0	+2	+2
27	+0,928	−14,7	+3,73	−13,5	+2	+3
Oct. 7	+0,795	−11,6	+2,21	−17,0	+2	+3
17	+0,696	−7,9	+0,34	−20,3	+2	+3
27	+0,638	−3,4	−1,84	−23,2	+1	+4
Nov. 6	+0,629	+1,7	−4,30	−25,8	+1	+4
16	+0,672	+7,0	−6,99	−27,8	0	+4
26	+0,768	+12,3	−9,85	−29,2	0	+5
Dec. 6	+0,917	+17,4	−12,83	−29,9	0	+5
16	+1,115	+22,0	−15,82	−29,7	−1	+5
26	+1,357	+26,1	−18,76	−28,6	−1	+5
36	+1,636	+29,3	−21,53	−26,6	−2	+5

	A. R. med.	Decl. med.
1750	15ʰ 24′ 6″,6600	+27° 34′ 15″,516
1751	24 9,1946	34 2,827
1752	24 11,7292	33 50,141
1753	24 14,2639	33 37,458
1754	24 16,7986	33 24,778
1755	24 19,3333	33 12,100
1756	24 21,8680	32 59,427
1757	24 24,4028	32 46,756
1758	24 26,9376	32 34,088
1759	24 29,4724	32 21,423
1760	24 32,0072	32 8,760
1761	24 34,5421	31 56,101
1762	24 37,0770	31 43,445
1763	24 39,6119	31 30,791
1764	24 42,1468	31 18,141
1765	24 44,6817	31 5,493
1766	24 47,2167	30 52,849
1767	24 49,7517	30 40,207
1768	24 52,2867	30 27,568
1769	24 54,8218	30 14,933
1770	24 57,3569	30 2,300

Diei reducto addendum est:

ante } Nov. 15 { + 1
post } { + 2

In mens. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Serpentis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	15 31 59,207	+ 7 13 43,44	1760	Jan. 1	15 32 26,708	+ 7 11 52,10
	Apr. 10	59,217	44,04		Apr. 10	26,724	51,40
	Jul. 19	59,219	44,67		Jul. 19	26,747	50,68
	Oct. 27	59,212	45,34		Oct. 27	26,778	49,94
	Dec. 66	59,197	46,04		Dec. 66	26,817	49,19
1751	Jan. 0	15 32 2,148	+ 7 13 33,76	1761	Jan. 0	15 32 29,748	+ 7 11 37,44
	Apr. 10	2,127	34,48		Apr. 10	29,792	36,69
	Jul. 19	2,098	35,22		Jul. 19	29,842	35,94
	Oct. 27	2,062	35,97		Oct. 27	29,898	35,20
	Dec. 66	2,018	36,74		Dec. 66	29,961	34,47
1752	Jan. 1	15 32 4,978	+ 7 13 24,45	1762	Jan. 0	15 32 32,884	+ 7 11 22,71
	Apr. 10	4,929	25,22		Apr. 10	32,951	21,99
	Jul. 19	4,873	25,98		Jul. 19	33,022	21,30
	Oct. 27	4,810	26,73		Oct. 27	33,097	20,64
	Dec. 66	4,741	27,47		Dec. 66	33,177	20,00
1753	Jan. 0	15 32 7,709	+ 7 13 15,20	1763	Jan. 0	15 32 36,095	+ 7 11 8,22
	Apr. 10	7,636	15,92		Apr. 10	36,177	7,61
	Jul. 19	7,559	16,61		Jul. 19	36,261	7,04
	Oct. 27	7,477	17,27		Oct. 27	36,347	6,52
	Dec. 66	7,391	17,90		Dec. 66	36,435	6,05
1754	Jan. 0	15 32 10,364	+ 7 13 5,67	1764	Jan. 1	15 32 39,350	+ 7 10 54,21
	Apr. 10	10,276	6,27		Apr. 10	39,439	53,78
	Jul. 19	10,186	6,81		Jul. 19	39,527	53,40
	Oct. 27	10,095	7,30		Oct. 27	39,614	53,08
	Dec. 66	10,002	7,73		Dec. 66	39,701	52,82
1755	Jan. 0	15 32 12,978	+ 7 12 55,57	1765	Jan. 0	15 32 42,618	+ 7 10 40,92
	Apr. 10	12,885	55,96		Apr. 10	42,703	40,70
	Jul. 19	12,793	56,29		Jul. 19	42,786	40,55
	Oct. 27	12,703	56,55		Oct. 27	42,866	40,47
	Dec. 66	12,615	56,74		Dec. 66	42,943	40,45
1756	Jan. 1	15 32 15,589	+ 7 12 44,66	1766	Jan. 0	15 32 45,863	+ 7 10 28,47
	Apr. 10	15,502	44,81		Apr. 10	45,937	28,50
	Jul. 19	15,420	44,88		Jul. 19	46,006	28,59
	Oct. 27	15,342	44,88		Oct. 27	46,070	28,75
	Dec. 66	15,269	44,80		Dec. 66	46,128	28,98
1757	Jan. 0	15 32 18,238	+ 7 12 32,82	1767	Jan. 0	15 32 49,054	+ 7 10 16,92
	Apr. 10	18,168	32,70		Apr. 10	49,109	17,19
	Jul. 19	18,105	32,51		Jul. 19	49,156	17,52
	Oct. 27	18,048	32,25		Oct. 27	49,196	17,91
	Dec. 66	17,998	31,92		Dec. 66	49,229	18,36
1758	Jan. 0	15 32 20,959	+ 7 12 20,03	1768	Jan. 1	15 32 52,164	+ 7 10 6,23
	Apr. 10	20,914	19,66		Apr. 10	52,193	6,72
	Jul. 19	20,877	19,23		Jul. 19	52,213	7,25
	Oct. 27	20,848	18,75		Oct. 27	52,225	7,84
	Dec. 66	20,828	18,21		Dec. 66	52,229	8,47
1759	Jan. 0	15 32 23,779	+ 7 12 6,39	1769	Jan. 0	15 32 55,174	+ 7 9 56,28
	Apr. 10	23,764	5,82		Apr. 10	55,172	56,94
	Jul. 19	23,757	5,21		Jul. 19	55,162	57,62
	Oct. 27	23,758	4,56		Oct. 27	55,144	58,33
	Dec. 66	23,768	3,87		Dec. 66	55,118	59,07

Tabulae X. Sect. I. *α Serpentis.*

	1760		1760		Var. 10 annor.	
Jan. 0	−0″,921	+27,0	− 2″,87	−21,6	−2	+1
10	−0,638	+29,2	− 4,99	−20,6	−2	+2
20	−0,337	+30,6	− 6,98	−18,9	−3	+2
30	−0,027	+31,0	− 8,77	−16,5	−3	+2
Febr. 9	+0,283	+30,7	−10,28	−13,7	−3	+2
19	+0,586	+29,7	−11,48	−10,3	−3	+2
Mart. 1	+0,876	+28,2	−12,33	− 6,7	−3	+1
11	+1,149	+26,3	−12,81	− 3,0	−2	+1
21	+1,401	+24,0	−12,93	+ 0,6	−2	+1
31	+1,629	+21,6	−12,70	+ 3,9	−2	+1
Apr. 10	+1,832	+19,0	−12,16	+ 6,7	−1	+1
20	+2,009	+16,3	−11,36	+ 9,1	−1	+1
30	+2,158	+13,6	−10,35	+11,0	0	+1
Maj. 10	+2,280	+10,8	− 9,17	+12,3	0	+1
20	+2,374	+ 7,9	− 7,90	+12,9	+1	+1
30	+2,438	+ 5,0	− 6,59	+13,2	+1	+1
Jun. 9	+2,473	+ 2,0	− 5,27	+12,9	+1	+1
19	+2,478	− 1,0	− 4,01	+12,2	+2	+1
29	+2,453	− 3,9	− 2,83	+11,3	+2	+1
Jul. 9	+2,400	− 6,7	− 1,76	+10,0	+2	+1
19	+2,319	− 9,4	− 0,83	+ 8,5	+3	+1
29	+2,213	−11,6	− 0,07	+ 6,8	+3	+1
Aug. 8	+2,087	−13,5	+ 0,53	+ 5,1	+3	+1
18	+1,944	−14,8	+ 0,94	+ 3,0	+3	+1
28	+1,792	−15,4	+ 1,15	+ 1,0	+3	+1
Sept. 7	+1,637	−15,3	+ 1,15	− 1,1	+3	+2
17	+1,487	−14,3	+ 0,94	− 3,3	+3	+2
27	+1,352	−12,3	+ 0,49	− 5,7	+3	+2
Oct. 7	+1,241	− 9,6	− 0,19	− 8,0	+2	+2
17	+1,161	− 6,1	− 1,11	−10,5	+2	+3
27	+1,120	− 1,9	− 2,28	−12,9	+1	+3
Nov. 6	+1,124	+ 2,8	− 3,69	−15,3	+1	+3
16	+1,176	+ 7,7	− 5,33	−17,5	+1	+4
26	+1,278	+12,7	− 7,18	−19,3	0	+4
Dec. 6	+1,429	+17,4	− 9,19	−20,7	0	+4
16	+1,625	+21,6	−11,32	−21,6	−1	+5
26	+1,860	+25,2	−13,50	−21,8	−1	+5
36	+2,128	+28,0	−15,67	−21,3	−2	+5

	A. R. med.	Decl. med.
1750	15h 31′ 58″,2371	+ 7° 13′ 48″,730
1751	32 1,1815	13 36,697
1752	32 4,1260	13 24,667
1753	32 7,0706	13 12,642
1754	32 10,0152	13 0,619
1755	32 12,9600	12 48,600
1756	32 15,9048	12 36,584
1757	32 18,8496	12 24,572
1758	32 21,7945	12 12,563
1759	32 24,7394	12 0,558
1760	32 27,6843	11 48,556
1761	32 30,6294	11 36,558
1762	32 33,5745	11 24,563
1763	32 36,5197	11 12,572
1764	32 39,4650	11 0,584
1765	32 42,4103	10 48,600
1766	32 45,3557	10 36,619
1767	32 48,3012	10 24,642
1768	32 51,2467	10 12,668
1769	32 54,1923	10 0,698
1770	32 57,1379	9 48,731

Diei reducto addendum est:

ante } Nov. 17 { + 1
post }   { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Scorpii.*

		h ′ ″	° ′ ″
1750	Jan. 0	16 14 8,506	—25 51 10,16
	Apr. 10	8,535	9,47
	Jul. 19	8,554	8,75
	Oct. 27	8,563	8,00
	Dec. 66	8,563	7,23
1751	Jan. 0	16 14 12,214	—25 51 16,48
	Apr. 10	12,205	15,70
	Jul. 19	12,186	14,91
	Oct. 27	12,157	14,12
	Dec. 66	12,117	13,32
1752	Jan. 1	16 14 15,782	—25 51 22,56
	Apr. 10	15,736	21,77
	Jul. 19	15,680	21,01
	Oct. 27	15,615	20,26
	Dec. 66	15,541	19,54
1753	Jan. 0	16 14 19,217	—25 51 28,75
	Apr. 10	19,137	28,05
	Jul. 19	19,051	27,39
	Oct. 27	18,958	26,78
	Dec. 66	18,858	26,21
1754	Jan. 0	16 14 22,543	—25 51 35,36
	Apr. 10	22,439	34,83
	Jul. 19	22,332	34,37
	Oct. 27	22,221	33,96
	Dec. 66	22,107	33,62
1755	Jan. 0	16 14 25,796	—25 51 42,69
	Apr. 10	25,681	42,39
	Jul. 19	25,566	42,17
	Oct. 27	25,451	42,02
	Dec. 66	25,336	41,95
1756	Jan. 1	16 14 29,025	—25 51 50,93
	Apr. 10	28,912	50,91
	Jul. 19	28,803	50,96
	Oct. 27	28,697	51,08
	Dec. 66	28,596	51,29
1757	Jan. 0	16 14 32,280	—25 52 0,17
	Apr. 10	32,182	0,42
	Jul. 19	32,092	0,74
	Oct. 27	32,009	1,12
	Dec. 66	31,933	1,57
1758	Jan. 0	16 14 35,609	—25 52 10,37
	Apr. 10	35,538	10,86
	Jul. 19	35,477	11,40
	Oct. 27	35,425	12,00
	Dec. 66	35,383	12,65
1759	Jan. 0	16 14 39,047	—25 52 21,36
	Apr. 10	39,011	22,04
	Jul. 19	38,986	22,74
	Oct. 27	38,970	23,47
	Dec. 66	38,965	24,23
1760	Jan. 1	16 14 42,617	—25 52 32,91
	Apr. 10	42,619	33,68
	Jul. 19	42,632	34,46
	Oct. 27	42,654	35,24
	Dec. 66	42,686	36,01
1761	Jan. 0	16 14 46,326	—25 52 44,69
	Apr. 10	46,365	45,49
	Jul. 19	46,413	46,26
	Oct. 27	46,470	47,01
	Dec. 66	46,535	47,73
1762	Jan. 0	16 14 50,164	—25 52 56,42
	Apr. 10	50,235	57,13
	Jul. 19	50,312	57,80
	Oct. 27	50,396	58,43
	Dec. 66	50,487	59,02
1763	Jan. 0	16 14 54,108	—25 53 7,76
	Apr. 10	54,203	8,32
	Jul. 19	54,301	8,82
	Oct. 27	54,403	9,26
	Dec. 66	54,508	9,64
1764	Jan. 1	16 14 58,125	—25 53 18,46
	Apr. 10	58,233	18,81
	Jul. 19	58,342	19,10
	Oct. 27	58,452	19,32
	Dec. 66	58,563	19,47
1765	Jan. 0	16 15 2,178	—25 53 28,34
	Apr. 10	2,288	28,45
	Jul. 19	2,396	28,49
	Oct. 27	2,502	28,45
	Dec. 66	2,605	28,35
1766	Jan. 0	16 15 6,223	—25 53 37,31
	Apr. 10	6,324	37,16
	Jul. 19	6,419	36,94
	Oct. 27	6,509	36,65
	Dec. 66	6,594	36,30
1767	Jan. 0	16 15 10,219	—25 53 45,34
	Apr. 10	10,300	44,94
	Jul. 19	10,372	44,49
	Oct. 27	10,437	43,98
	Dec. 66	10,494	43,42
1768	Jan. 1	16 15 14,128	—25 53 52,52
	Apr. 10	14,179	51,92
	Jul. 19	14,221	51,29
	Oct. 27	14,252	50,61
	Dec. 66	14,274	49,89
1769	Jan. 0	16 15 17,921	—25 53 59,03
	Apr. 10	17,936	58,30
	Jul. 19	17,940	57,54
	Oct. 27	17,934	56,77
	Dec. 66	17,918	55,97

Tabulae X. Sect. I. *α Scorpii.*

	1760		1760		Var. 10 annor.	
Jan. 0	−1″,180	+27,9	+4″,27	− 5,0	−3	−1
10	−0,886	+30,6	+3,69	− 6,6	−3	−1
20	−0,568	+32,6	+2,95	− 7,9	−3	0
30	−0,234	+33,7	+2,11	− 8,8	−4	0
Febr. 9	+0,106	+34,0	+1,20	− 9,3	−4	+1
19	+0,446	+33,7	+0,25	− 9,5	−4	+1
Mart. 1	+0,779	+32,8	−0,70	− 9,4	−3	+2
11	+1,101	+31,4	−1,62	− 9,0	−3	+2
21	+1,407	+29,7	−2,49	− 8,4	−3	+3
31	+1,695	+27,8	−3,29	− 7,7	−2	+3
Apr. 10	+1,962	+25,6	−4,02	− 7,0	−2	+3
20	+2,206	+23,2	−4,68	− 6,3	−1	+4
30	+2,426	+20,6	−5,28	− 5,7	−1	+4
Maj. 10	+2,617	+17,7	−5,82	− 5,2	0	+4
20	+2,779	+14,6	−6,31	− 4,7	+1	+4
30	+2,909	+11,3	−6,76	− 4,3	+1	+4
Jun. 9	+3,005	+ 7,8	−7,16	− 3,8	+2	+4
19	+3,065	+ 4,1	−7,52	− 3,4	+2	+4
29	+3,087	+ 0,3	−7,83	− 2,9	+3	+4
Jul. 9	+3,071	− 3,5	−8,09	− 2,2	+4	+4
19	+3,018	− 7,1	−8,27	− 1,4	+4	+4
29	+2,929	−10,5	−8,37	− 0,6	+4	+3
Aug. 8	+2,809	−13,3	−8,38	+ 0,5	+4	+3
18	+2,663	−15,6	−8,28	+ 1,5	+5	+3
28	+2,498	−17,0	−8,08	+ 2,6	+5	+2
Sept. 7	+2,323	−17,5	−7,76	+ 3,7	+5	+2
17	+2,148	−17,0	−7,35	+ 4,6	+4	+2
27	+1,983	−15,5	−6,85	+ 5,2	+4	+2
Oct. 7	+1,838	−12,9	−6,31	+ 5,6	+4	+1
17	+1,725	− 9,3	−5,74	+ 5,6	+3	+1
27	+1,652	− 4,9	−5,19	+ 5,2	+3	+1
Nov. 6	+1,628	+ 0,2	−4,70	+ 4,4	+2	+1
16	+1,656	+ 5,6	−4,31	+ 3,2	+2	+2
26	+1,740	+11,1	−4,06	+ 1,7	+1	+2
Dec. 6	+1,878	+16,4	−3,98	− 0,2	0	+2
16	+2,068	+21,3	−4,09	− 2,1	0	+3
26	+2,304	+25,5	−4,39	− 3,9	−1	+3
36	+2,578	+29,0	−4,87	− 5,6	−1	+4

	A. R. med.	Decl. med.
1750	16h 14′ 7″,3354	−25° 51′ 5″,722
1751	14 10,9853	51 14,708
1752	14 14,6354	51 23,688
1753	14 18,2857	51 32,664
1754	14 21,9361	51 41,634
1755	14 25,5867	51 50,600
1756	14 29,2374	51 59,561
1757	14 32,8883	52 8,517
1758	14 36,5393	52 17,469
1759	14 40,1905	52 26,415
1760	14 43,8419	52 35,357
1761	14 47,4934	52 44,294
1762	14 51,1451	52 53,226
1763	14 54,7969	53 2,153
1764	14 58,4489	53 11,075
1765	15 2,1011	53 19,993
1766	15 5,7534	53 28,905
1767	15 9,4059	53 37,813
1768	15 13,0585	53 46,716
1769	15 16,7113	53 55,614
1770	15 20,3641	54 4,507

Diei reducto addendum est:

ante } Nov. 27 { + 1
post } Nov. 27 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Herculis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	17 3 16,495	+14 41 39,63	1760	Jan. 1	17 3 41,966	+14 40 55,29
	Apr. 10	16,505	40,40		Apr. 10	41,980	54,47
	Jul. 19	16,507	41,19		Jul. 19	42,001	53,66
	Oct. 27	16,501	41,99		Oct. 27	42,029	52,86
	Dec. 66	16,488	42,81		Dec. 66	42,065	52,06
1751	Jan. 0	17 3 19,221	+14 41 37,65	1761	Jan. 0	17 3 44,781	+14 40 47,48
	Apr. 10	19,202	38,47		Apr. 10	44,821	46,70
	Jul. 19	19,176	39,29		Jul. 19	44,867	45,95
	Oct. 27	19,143	40,09		Oct. 27	44,919	45,22
	Dec. 66	19,102	40,89		Dec. 66	44,977	44,53
1752	Jan. 1	17 3 21,844	+14 41 35,74	1762	Jan. 0	17 3 47,686	+14 40 39,92
	Apr. 10	21,799	36,53		Apr. 10	47,747	39,26
	Jul. 19	21,747	37,27		Jul. 19	47,813	38,64
	Oct. 27	21,689	37,98		Oct. 27	47,883	38,08
	Dec. 66	21,624	38,66		Dec. 66	47,957	37,56
1753	Jan. 0	17 3 24,374	+14 41 33,56	1763	Jan. 0	17 3 50,660	+14 40 32,89
	Apr. 10	24,307	34,21		Apr. 10	50,736	32,41
	Jul. 19	24,235	34,80		Jul. 19	50,814	32,00
	Oct. 27	24,159	35,33		Oct. 27	50,894	31,65
	Dec. 66	24,079	35,81		Dec. 66	50,975	31,37
1754	Jan. 0	17 3 26,834	+14 41 30,79	1764	Jan. 1	17 3 53,676	+14 40 26,63
	Apr. 10	26,752	31,22		Apr. 10	53,758	26,39
	Jul. 19	26,668	31,59		Jul. 19	53,840	26,22
	Oct. 27	26,583	31,88		Oct. 27	53,922	26,12
	Dec. 66	26,497	32,10		Dec. 66	54,003	26,10
1755	Jan. 0	17 3 29,254	+14 41 27,17	1765	Jan. 0	17 3 56,704	+14 40 21,27
	Apr. 10	29,167	27,34		Apr. 10	56,784	21,30
	Jul. 19	29,082	27,43		Jul. 19	56,861	21,39
	Oct. 27	28,998	27,44		Oct. 27	56,935	21,56
	Dec. 66	28,916	27,37		Dec. 66	57,007	21,80
1756	Jan. 1	17 3 31,671	+14 41 22,54	1766	Jan. 0	17 3 59,712	+14 40 16,89
	Apr. 10	31,591	22,42		Apr. 10	59,781	17,17
	Jul. 19	31,514	22,23		Jul. 19	59,845	17,52
	Oct. 27	31,442	21,97		Oct. 27	59,904	17,98
	Dec. 66	31,373	21,63		Dec. 66	59,959	18,41
1757	Jan. 0	17 3 34,123	+14 41 16,89	1767	Jan. 0	17 4 2,670	+14 40 13,42
	Apr. 10	34,058	16,50		Apr. 10	2,721	13,94
	Jul. 19	33,999	16,05		Jul. 19	2,765	14,51
	Oct. 27	33,945	15,54		Oct. 27	2,803	15,13
	Dec. 66	33,900	14,96		Dec. 66	2,834	15,80
1758	Jan. 0	17 3 36,643	+14 41 10,31	1768	Jan. 1	17 4 5,553	+14 40 10,75
	Apr. 10	36,601	9,70		Apr. 10	5,580	11,45
	Jul. 19	36,566	9,04		Jul. 19	5,599	12,18
	Oct. 27	36,539	8,35		Oct. 27	5,611	12,93
	Dec. 66	36,519	7,61		Dec. 66	5,615	13,72
1759	Jan. 0	17 3 39,253	+14 41 3,01	1769	Jan. 0	17 4 8,343	+14 40 8,64
	Apr. 10	39,238	2,25		Apr. 10	8,341	9,44
	Jul. 19	39,232	1,48		Jul. 19	8,332	10,25
	Oct. 27	39,232	0,68		Oct. 27	8,316	11,07
	Dec. 66	39,241	40 59,87		Dec. 66	8,292	11,89

Tabulae X. Sect. I. *α Herculis.*

	1760		1760		Var. 10 annor.	
Jan. 0	−1″,258	+19,5	− 2″,89	−23,6	−1	+1
10	−1,045	+22,8	− 5,21	−22,7	−1	+1
20	−0,802	+25,5	− 7,42	−21,0	−2	+1
30	−0,535	+27,6	− 9,40	−18,4	−2	+1
Febr. 9	−0,251	+28,9	−11,10	−15,3	−2	+1
19	+0,042	+29,5	−12,45	−11,5	−3	+1
Mart. 1	+0,338	+29,5	−13,39	− 7,3	−3	+1
11	+0,632	+29,1	−13,90	− 2,9	−3	+1
21	+0,919	+28,2	−13,97	+ 1,5	−2	+1
31	+1,196	+27,0	−13,61	+ 5,7	−2	+1
Apr. 10	+1,458	+25,3	−12,84	+ 9,5	−2	+1
20	+1,702	+23,4	−11,72	+12,7	−2	+1
30	+1,925	+21,1	−10,30	+15,4	−1	+1
Maj. 10	+2,124	+18,6	− 8,64	+17,5	−1	+1
20	+2,296	+15,8	− 6,80	+18,9	−1	+1
30	+2,439	+12,7	− 4,87	+19,5	0	+1
Jun. 9	+2,549	+ 9,2	− 2,91	+19,5	0	+1
19	+2,623	+ 5,7	− 0,97	+19,0	+1	+1
29	+2,662	+ 2,0	+ 0,88	+17,9	+1	+1
Jul. 9	+2,663	− 1,8	+ 2,61	+16,4	+1	+1
19	+2,626	− 5,5	+ 4,16	+14,5	+2	+1
29	+2,554	− 8,9	+ 5,50	+12,3	+2	+1
Aug. 8	+2,448	−12,1	+ 6,62	+ 9,9	+2	+1
18	+2,312	−14,7	+ 7,48	+ 7,3	+2	+2
28	+2,154	−16,7	+ 8,08	+ 4,7	+3	+2
Sept. 7	+1,978	−18,0	+ 8,41	+ 1,8	+3	+2
17	+1,795	−18,3	+ 8,44	− 1,1	+3	+2
27	+1,613	−17,7	+ 8,19	− 4,1	+3	+2
Oct. 7	+1,442	−16,1	+ 7,63	− 7,1	+3	+3
17	+1,291	−13,7	+ 6,78	−10,0	+2	+3
27	+1,169	−10,4	+ 5,64	−12,9	+2	+3
Nov. 6	+1,084	− 6,3	+ 4,21	−15,7	+2	+4
16	+1,043	− 1,8	+ 2,51	−18,2	+1	+4
26	+1,049	+ 3,1	+ 0,57	−20,4	+1	+4
Dec. 6	+1,104	+ 7,9	− 1,57	−22,1	+1	+4
16	+1,207	+12,6	− 3,85	−23,2	0	+4
26	+1,356	+16,0	− 6,21	−23,7	0	+5
36	+1,546	+20,8	− 8,58	−23,4	−1	+5

	A. R. med.	Decl. med.
1750	17ʰ 3′ 15″,5936	+14° 41′ 42″,874
1751	3 18,3215	41 37,991
1752	3 21,0494	41 33,112
1753	3 23,7773	41 28,237
1754	3 26,5053	41 23,366
1755	3 29,2333	41 18,500
1756	3 31,9614	41 13,637
1757	3 34,6894	41 8,778
1758	3 37,4176	41 3,923
1759	3 40,1457	40 59,072
1760	3 42,8739	40 54,223
1761	3 45,6021	40 49,379
1762	3 48,3304	40 44,539
1763	3 51,0587	40 39,703
1764	3 53,7870	40 34,871
1765	3 56,5154	40 30,048
1766	3 59,2438	40 25,219
1767	4 1,9723	40 20,399
1768	4 4,7008	40 15,582
1769	4 7,4293	40 10,769
1770	4 10,1579	40 5,960

Diei reducto addendum est:

ante } Dec. 8 { + 1
post } Dec. 8 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Ophiuchi.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	17 23 21,546	+12 45 41,46	1760	Jan. 1	17 23 47,458	+12 45 10,81
	Apr. 10	21,557	42,25		Apr. 10	47,470	9,99
	Jul. 19	21,561	43,06		Jul. 19	47,490	9,18
	Oct. 27	21,557	43,87		Oct. 27	47,517	8,37
	Dec. 66	21,545	44,70		Dec. 66	47,552	7,58
1751	Jan. 0	17 23 24,324	+12 45 41,02	1761	Jan. 0	17 23 50,315	+12 45 4,48
	Apr. 10	24,307	41,85		Apr. 10	50,354	3,71
	Jul. 19	24,282	42,66		Jul. 19	50,400	2,97
	Oct. 27	24,249	43,46		Oct. 27	50,451	2,27
	Dec. 66	24,209	44,25		Dec. 66	50,509	1,60
1752	Jan. 1	17 23 26,998	+12 45 40,59	1762	Jan. 0	17 23 53,264	+12 44 58,46
	Apr. 10	26,953	41,35		Apr. 10	53,325	57,82
	Jul. 19	26,901	42,08		Jul. 19	53,391	57,24
	Oct. 27	26,844	42,77		Oct. 27	53,461	56,71
	Dec. 66	26,780	43,42		Dec. 66	53,536	56,23
1753	Jan. 0	17 23 29,577	+12 45 39,81	1763	Jan. 0	17 23 56,285	+12 44 53,03
	Apr. 10	29,509	40,43		Apr. 10	56,362	52,60
	Jul. 19	29,437	40,98		Jul. 19	36,440	52,23
	Oct. 27	29,361	41,48		Oct. 27	56,521	51,93
	Dec. 66	29,280	41,91		Dec. 66	56,603	51,69
1754	Jan. 0	17 23 32,082	+12 45 38,39	1764	Jan. 1	17 23 59,351	+12 44 48,41
	Apr. 10	31,999	38,78		Apr. 10	59,434	48,22
	Jul. 19	31,915	39,09		Jul. 19	59,517	48,11
	Oct. 27	31,829	39,33		Oct. 27	59,600	48,06
	Dec. 66	31,741	39,50		Dec. 66	59,682	48,09
1755	Jan. 0	17 23 34,545	+12 45 36,06	1765	Jan. 0	17 24 2,430	+12 44 44,73
	Apr. 10	34,457	36,18		Apr. 10	2,511	44,80
	Jul. 19	34,371	36,21		Jul. 19	2,590	44,95
	Oct. 27	34,285	36,17		Oct. 27	2,666	45,17
	Dec. 66	34,201	36,05		Dec. 66	2,739	45,46
1756	Jan. 1	17 23 37,004	+12 45 32,72	1766	Jan. 0	17 24 5,490	+12 44 42,02
	Apr. 10	36,921	32,55		Apr. 10	5,561	42,35
	Jul. 19	36,843	32,30		Jul. 19	5,627	42,75
	Oct. 27	36,768	31,98		Oct. 27	5,688	43,21
	Dec. 66	36,698	31,58		Dec. 66	5,745	43,74
1757	Jan. 0	17 23 39,496	+12 45 28,34	1767	Jan. 0	17 24 8,502	+12 44 40,22
	Apr. 10	39,428	27,90		Apr. 10	8,555	40,78
	Jul. 19	39,367	27,40		Jul. 19	8,601	41,39
	Oct. 27	39,312	26,85		Oct. 27	8,641	42,05
	Dec. 66	39,264	26,23		Dec. 66	8,674	42,75
1758	Jan. 0	17 23 42,054	+12 45 23,07	1768	Jan. 1	17 24 11,439	+12 44 39,18
	Apr. 10	42,010	22,42		Apr. 10	11,467	39,91
	Jul. 19	41,974	21,73		Jul. 19	11,488	40,66
	Oct. 27	41,945	21,00		Oct. 27	11,501	41,44
	Dec. 66	41,923	20,23		Dec. 66	11,507	42,25
1759	Jan. 0	17 23 44,704	+12 45 17,12	1769	Jan. 0	17 24 14,281	+12 44 38,65
	Apr. 10	44,688	16,34		Apr. 10	14,281	39,46
	Jul. 19	44,679	15,54		Jul. 19	14,274	40,28
	Oct. 27	44,679	14,73		Oct. 27	14,259	41,10
	Dec. 66	44,686	13,90		Dec. 66	14,236	41,93

Tabulae X. Sect. I. *α Ophiuchi.*

	1760		1760		Var. 10 annor.	
Jan. 0	−1″,288	+17,7	− 2″,25	−22,4	−1	+1
10	−1,093	+21,2	− 4,47	−21,8	−1	+1
20	−0,865	+24,1	− 6,60	−20,3	−2	+1
30	−0,612	+26,3	− 8,53	−18,1	−2	+1
Febr. 9	−0,340	+27,9	−10,21	−15,2	−2	+1
19	−0,055	+28,8	−11,56	−11,6	−2	+1
Mart. 1	+0,236	+29,2	−12,53	− 7,6	−3	+1
11	+0,528	+29,1	−13,08	− 3,5	−3	+1
21	+0,817	+28,5	−13,22	+ 0,8	−2	+1
31	+1,098	+27,6	−12,93	+ 4,9	−2	+1
Apr. 10	+1,368	+26,3	−12,25	+ 8,6	−2	+1
20	+1,624	+24,7	−11,21	+11,9	−2	+1
30	+1,861	+22,7	− 9,87	+14,7	−2	+1
Maj. 10	+2,077	+20,3	− 8,28	+16,8	−1	+1
20	+2,267	+17,6	− 6,52	+18,2	−1	+1
30	+2,429	+14,6	− 4,64	+19,0	0	+1
Jun. 9	+2,559	+11,3	− 2,72	+19,2	0	+1
19	+2,654	+ 7,7	− 0,81	+18,7	0	+1
29	+2,713	+ 4,0	+ 1,02	+17,8	+1	+1
Jul. 9	+2,733	+ 0,1	+ 2,74	+16,4	+1	+1
19	+2,714	− 3,8	+ 4,30	+14,7	+2	+1
29	+2,657	− 7,5	+ 5,67	+12,7	+2	+2
Aug. 8	+2,565	−10,8	+ 6,83	+10,4	+2	+2
18	+2,441	−13,7	+ 7,75	+ 8,0	+2	+2
28	+2,291	−16,0	+ 8,42	+ 5,4	+3	+2
Sept. 7	+2,121	−17,6	+ 8,82	+ 2,7	+3	+2
17	+1,940	−18,2	+ 8,96	0,0	+3	+3
27	+1,757	−17,9	+ 8,82	− 2,9	+3	+3
Oct. 7	+1,582	−16,7	+ 8,39	− 5,7	+3	+3
17	+1,423	−14,5	+ 7,68	− 8,5	+2	+3
27	+1,292	−11,4	+ 6,69	−11,3	+2	+4
Nov. 6	+1,195	− 7,7	+ 5,42	−14,0	+2	+4
16	+1,139	− 3,3	+ 3,89	−16,5	+2	+4
26	+1,129	+ 1,4	+ 2,12	−18,7	+1	+4
Dec. 6	+1,167	+ 6,2	+ 0,15	−20,5	+1	+5
16	+1,252	+10,8	− 1,98	−21,8	0	+5
26	+1,383	+15,4	− 4,21	−22,4	0	+5
36	+1,556	+19,1	− 6,46	−22,3	−1	+5

	A. R. med.	Decl. med.
1750	17h 23′ 20″,6339	+12° 45′ 44″,172
1751	23 23,4084	45 40,770
1752	23 26,1829	45 37,371
1753	23 28,9575	45 33,977
1754	23 31,7321	45 30,586
1755	23 34,5067	45 27,200
1756	23 37,2814	45 23,817
1757	23 40,0561	45 20,439
1758	23 42,8308	45 17,064
1759	23 45,6056	45 13,694
1760	23 48,3804	45 10,327
1761	23 51,1552	45 6,965
1762	23 53,9301	45 3,606
1763	23 56,7050	45 0,252
1764	23 59,4799	44 56,901
1765	24 2.2550	44 53,555
1766	24 5,0300	44 50,213
1767	24 7,8051	44 46,874
1768	24 10,5802	44 43,540
1769	24 13,3553	44 40,209
1770	24 16,1304	44 36,883

Diei reducto addendum est:

ante } Dec. 13 { + 1
post } Dec. 13 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Lyrae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	18 28 29,279	+38 33 56,71	1760	Jan. 1	18 28 48,243	+38 34 23,90
	Apr. 10	29,294	57,53		Apr. 10	48,245	23,09
	Jul. 19	29,304	58,35		Jul. 19	48,253	22,31
	Oct. 27	29,308	59,17		Oct. 27	48,266	21,56
	Dec. 66	29,306	59,98		Dec. 66	48,285	20,84
1751	Jan. 0	18 28 31,336	+38 34 2,47	1761	Jan. 0	18 28 50,307	+38 34 23,86
	Apr. 10	31,330	3,27		Apr. 10	50,330	23,16
	Jul. 19	31,318	4,04		Jul. 19	50,357	22,51
	Oct. 27	31,301	4,78		Oct. 27	50,389	21,91
	Dec. 66	31,278	5,49		Dec. 66	50,426	21,35
1752	Jan. 1	18 28 33,315	+38 34 8,02	1762	Jan. 0	18 28 52,442	+38 34 24,32
	Apr. 10	33,288	8,70		Apr. 10	52,482	23,80
	Jul. 19	33,257	9,33		Jul. 19	52,525	23,35
	Oct. 27	33,220	9,91		Oct. 27	52,572	22,96
	Dec. 66	33,179	10,43		Dec. 66	52,623	22,63
1753	Jan. 0	18 28 35,222	+38 34 13,03	1763	Jan. 0	18 28 54,634	+38 34 25,53
	Apr. 10	35,177	13,51		Apr. 10	54,687	25,25
	Jul. 19	35,129	13,92		Jul. 19	54,742	25,03
	Oct. 27	35,077	14,26		Oct. 27	54,799	24,89
	Dec. 66	35,021	14,54		Dec. 66	54,858	24,82
1754	Jan. 0	18 28 37,069	+38 34 17,22	1764	Jan. 1	18 28 56,867	+38 34 27,64
	Apr. 10	37,011	17,45		Apr. 10	56,927	27,62
	Jul. 19	36,952	17,59		Jul. 19	56,987	27,67
	Oct. 27	36,890	17,66		Oct. 27	57,047	27,80
	Dec. 66	36,827	17,65		Dec. 66	57,108	27,99
1755	Jan. 0	18 28 38,877	+38 34 20,43	1765	Jan. 0	18 28 59,117	+38 34 30,72
	Apr. 10	38,813	20,36		Apr. 10	59,177	30,97
	Jul. 19	38,750	20,22		Jul. 19	59,236	31,28
	Oct. 27	38,687	20,00		Oct. 27	59,294	31,66
	Dec. 66	38,624	19,71		Dec. 66	59,351	32,10
1756	Jan. 1	18 28 40,674	+38 34 22,59	1766	Jan. 0	18 29 1,361	+38 34 34,75
	Apr. 10	40,611	22,25		Apr. 10	1,417	35,23
	Jul. 19	40,551	21,84		Jul. 19	1,469	35,77
	Oct. 27	40,494	21,36		Oct. 27	1,518	36,36
	Dec. 66	40,439	20,82		Dec. 66	1,564	37,00
1757	Jan. 0	18 28 42,486	+38 34 23,78	1767	Jan. 0	18 29 3,578	+38 34 39,59
	Apr. 10	42,433	23,20		Apr. 10	3,622	40,26
	Jul. 19	42,383	22,57		Jul. 19	3,661	40,97
	Oct. 27	42,338	21,89		Oct. 27	3,696	41,72
	Dec. 66	42,297	21,17		Dec. 66	3,726	42,50
1758	Jan. 0	18 28 44,339	+38 34 24,20	1768	Jan. 1	18 29 5,745	+38 34 45,04
	Apr. 10	44,301	23,45		Apr. 10	5,772	45,84
	Jul. 19	44,269	22,68		Jul. 19	5,794	46,64
	Oct. 27	44,242	21,89		Oct. 27	5,811	47,46
	Dec. 66	44,220	21,07		Dec. 66	5,822	48,28
1759	Jan. 0	18 28 46,254	+38 34 24,13	1769	Jan. 0	18 29 7,848	+38 34 50,82
	Apr. 10	46,236	23,30		Apr. 10	7,855	51,65
	Jul. 19	46,223	22,48		Jul. 19	7,856	52,46
	Oct. 27	46,216	21,66		Oct. 27	7,852	53,26
	Dec. 66	46,214	20,84		Dec. 66	7,842	54,04

Tabulae X. Sect. I. α *Lyrae.*

	1760		1760		Var. 10 annor.	
Jan. 0	−1″,700	+ 9,1	− 0″,98	−31,2	0	+2
10	−1,584	+14,0	− 4,10	−30,8	−1	+2
20	−1,420	+18,6	− 7,13	−29,3	−1	+2
30	−1,212	+22,6	− 9,96	−26,8	−1	+2
Febr. 9	−0,968	+26,0	−12,49	−23,2	−2	+2
19	−0,692	+28,8	−14,60	−18,7	−2	+2
Mart. 1	−0,392	+30,9	−16,22	−13,5	−2	+1
11	−0,074	+32,4	−17,29	− 7,8	−2	+1
21	+0,256	+33,2	−17,78	− 1,9	−2	+1
31	+0,589	+33,3	−17,67	+ 4,1	−2	0
Apr. 10	+0,921	+32,8	−16,97	+ 9,8	−2	0
20	+1,244	+31,5	−15,72	+15,0	−2	0
30	+1,551	+29,6	−13,98	+19,6	−2	0
Maj. 10	+1,836	+27,2	−11,81	+23,5	−2	0
20	+2,094	+24,1	− 9,29	+26,6	−1	0
30	+2,317	+20,4	− 6,50	+28,7	−1	0
Jun. 9	+2,502	+16,4	− 3,55	+30,0	0	0
19	+2,644	+11,9	− 0,51	+30,4	0	0
29	+2,739	+ 7,0	+ 2,53	+30,1	0	0
Jul. 9	+2,784	+ 2,1	+ 5,50	+28,9	+1	0
19	+2,780	− 3,0	+ 8,31	+27,0	+1	0
29	+2,725	− 7,9	+10,90	+24,6	+1	0
Aug. 8	+2,623	−12,5	+13,22	+22,0	+2	+1
18	+2,476	−16,6	+15,23	+18,3	+2	+1
28	+2,291	−20,1	+16,87	+14,5	+2	+1
Sept. 7	+2,074	−22,9	+18,12	+10,4	+2	+1
17	+1,834	−24,7	+18,95	+ 6,1	+2	+2
27	+1,580	−25,6	+19,34	+ 1,6	+2	+2
Oct. 7	+1,323	−25,4	+19,27	− 3,0	+2	+3
17	+1,073	−24,1	+18,74	− 7,6	+2	+3
27	+0,841	−21,8	+17,76	−12,1	+2	+3
Nov. 6	+0,637	−18,6	+16,33	−16,5	+2	+4
16	+0,470	−14,6	+14,47	−20,6	+2	+4
26	+0,346	− 9,9	+12,22	−24,2	+1	+4
Dec. 6	+0,272	− 4,8	+ 9,64	−27,2	+1	+5
16	+0,250	+ 0,5	+ 6,79	−29,4	+1	+5
26	+0,282	+ 5,8	+ 3,76	−30,8	0	+5
36	+0,367	+11,0	+ 0,63	−31,2	0	+5

	A. R. med.	Decl. med.
1750	18ʰ 28′ 28″,6301	+38° 33′ 57″,574
1751	28 30,6589	34 0,334
1752	28 32,6877	34 3,096
1753	28 34,7165	34 5,861
1754	28 36,7452	34 8,630
1755	28 38,7740	34 11,400
1756	28 40,8028	34 14,175
1757	28 42,8317	34 16,952
1758	28 44,8606	34 19,732
1759	28 46,8895	34 22,514
1760	28 48,9184	34 25,300
1761	28 50,9473	34 28,089
1762	28 52,9762	34 30,881
1763	28 55,0051	34 33,676
1764	28 57,0341	34 36,473
1765	28 59,0631	34 39,273
1766	29 1,0921	34 42,076
1767	29 3,1211	34 44,882
1768	29 5,1501	34 47,691
1769	29 7,1791	34 50,503
1770	29 9,2082	34 53,318

Diei reducto addendum est:

ante } Dec. 27 { + 1
post } Dec. 27 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. γ *Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	19 34 23,156	+ 10 1 24,21	1760	Jan. 1	19 34 49,830	+ 10 2 40,35
	Apr. 10	23,174	25,00		Apr. 10	49,837	39,63
	Jul. 19	23,183	25,77		Jul. 19	49,852	38,95
	Oct. 27	23,185	26,52		Oct. 27	49,875	38,31
	Dec. 66	23,178	27,24		Dec. 66	49,905	37,71
1751	Jan. 0	19 34 26,037	+ 10 1 35,03	1761	Jan. 0	19 34 52,749	+ 10 2 45,96
	Apr. 10	26,025	35,74		Apr. 10	52,784	45,40
	Jul. 19	26,005	36,40		Jul. 19	52,826	44,89
	Oct. 27	25,977	37,02		Oct. 27	52,875	44,44
	Dec. 66	25,941	37,60		Dec. 66	52,930	44,04
1752	Jan. 1	19 34 28,810	+ 10 1 45,44	1762	Jan. 0	19 34 55,766	+ 10 2 52,23
	Apr. 10	28,768	45,98		Apr. 10	55,825	51,88
	Jul. 19	28,720	46,46		Jul. 19	55,889	51,59
	Oct. 27	28,665	46,87		Oct. 27	55,958	51,37
	Dec. 66	28,604	47,23		Dec. 66	56,032	51,22
1753	Jan. 0	19 34 31,481	+ 10 1 55,15	1763	Jan. 0	19 34 58,862	+ 10 2 59,33
	Apr. 10	31,415	55,46		Apr. 10	58,939	59,23
	Jul. 19	31,344	55,69		Jul. 19	59,017	59,19
	Oct. 27	31,268	55,85		Oct. 27	59,099	59,23
	Dec. 66	31,188	55,94		Dec. 66	59,183	59,34
1754	Jan. 0	19 34 34,071	+ 10 2 3,96	1764	Jan. 1	19 35 2,010	+ 10 3 7,37
	Apr. 10	33,988	3,99		Apr. 10	2,095	7,52
	Jul. 19	33,903	3,95		Jul. 19	2,180	7,74
	Oct. 27	33,816	3,84		Oct. 27	2,265	8,03
	Dec. 66	33,726	3,65		Dec. 66	2,351	8,38
1755	Jan. 0	19 34 36,611	+ 10 2 11,76	1765	Jan. 0	19 35 5,178	+ 10 3 16,34
	Apr. 10	36,521	11,52		Apr. 10	5,262	16,73
	Jul. 19	36,431	11,21		Jul. 19	5,346	17,18
	Oct. 27	36,342	10,83		Oct. 27	5,227	17,68
	Dec. 66	36,254	10,38		Dec. 66	5,505	18,25
1756	Jan. 1	19 34 39,139	+ 10 2 18,58	1766	Jan. 0	19 35 8,334	+ 10 3 26,14
	Apr. 10	39,052	18,09		Apr. 10	8,410	26,74
	Jul. 19	38,969	17,55		Jul. 19	8,482	27,37
	Oct. 27	38,889	16,96		Oct. 27	8,549	28,05
	Dec. 66	38,813	16,31		Dec. 66	8,611	28,77
1757	Jan. 0	19 34 41,694	+ 10 2 24,58	1767	Jan. 0	19 35 11,446	+ 10 3 36,61
	Apr. 10	41,621	23,90		Apr. 10	11,505	37,34
	Jul. 19	41,554	23,19		Jul. 19	11,558	38,09
	Oct. 27	41,493	22,45		Oct. 27	11,604	38,87
	Dec. 66	41,438	21,68		Dec. 66	11,643	39,66
1758	Jan. 0	19 34 44,311	+ 10 2 29,99	1768	Jan. 1	19 35 14,486	+ 10 3 47,48
	Apr. 10	44,261	29,20		Apr. 10	14,521	48,27
	Jul. 19	44,218	28,41		Jul. 19	14,548	49,06
	Oct. 27	44,182	27,61		Oct. 27	14,568	49,85
	Dec. 66	44,154	26,81		Dec. 66	14,580	50,63
1759	Jan. 0	19 34 47,018	+ 10 2 35,14	1769	Jan. 0	19 35 17,432	+ 10 3 58,46
	Apr. 10	46,995	34,34		Apr. 10	17,439	59,23
	Jul. 19	46,981	33,56		Jul. 19	17,437	59,97
	Oct. 27	46,974	32,80		Oct. 27	17,427	4 0,67
	Dec. 66	46,976	32,05		Dec. 66	17,409	1,35

Tabulae X. Sect. I. γ *Aquilae.*

	1760		1760		Var. 10 annor.	
Jan. 0	—1,296″	+ 5,3	+ 0,06″	—17,2	+1	+1
10	—1,223	+ 9,1	— 1,68	—17,4	0	+1
20	—1,115	+12,5	— 3,41	—16,9	0	+1
30	—0,974	+15,7	— 5,05	—15,7	—1	+1
Febr. 9	—0,801	+18,6	— 6,55	—13,8	—1	+1
19	—0,602	+21,2	— 7,81	—11,2	—2	+1
Mart. 1	—0,377	+23,4	— 8,79	— 8,1	—2	+1
11	—0,135	+25,2	— 9,43	— 4,6	—2	+1
21	+0,126	+26,9	— 9,70	— 0,8	—2	+1
31	+0,402	+28,1	— 9,58	+ 3,2	—3	0
Apr. 10	+0,788	+28,9	— 9,07	+ 7,0	—3	0
20	+0,980	+29,3	— 8,19	+10,5	—3	0
30	+1,273	+29,1	— 6,97	+13,7	—3	0
Maj. 10	+1,561	+28,4	— 5,46	+16,3	—2	0
20	+1,840	+27,1	— 3,71	+18,4	—2	0
30	+2,102	+25,1	— 1,78	+19,9	—2	+1
Jun. 9	+2,342	+22,6	+ 0,26	+20,7	—1	+1
19	+2,554	+19,6	+ 2,36	+21,0	—1	+1
29	+2,733	+16,0	+ 4,45	+20,7	—1	+1
Jul. 9	+2,873	+11,9	+ 6,49	+19,8	0	+1
19	+2,971	+ 7,7	+ 8,41	+18,5	0	+1
29	+3,026	+ 3,3	+10,19	+16,9	0	+2
Aug. 8	+3,036	— 1,2	+11,79	+14,9	+1	+2
18	+3,002	— 5,4	+13,17	+12,8	+1	+2
28	+2,929	— 9,2	+14,34	+10,5	+2	+2
Sept. 7	+2,819	—12,4	+15,26	+ 8,0	+2	+3
17	+2,681	—14,9	+15,94	+ 5,6	+2	+3
27	+2,521	—16,6	+16,37	+ 3,0	+2	+3
Oct. 7	+2,349	—17,4	+16,54	+ 0,4	+3	+3
17	+2,174	—17,2	+16,45	— 2,2	+3	+4
27	+2,005	—16,2	+16,11	— 4,7	+3	+4
Nov. 6	+1,851	—14,3	+15,51	— 7,3	+2	+4
16	+1,720	—11,6	+14,66	— 9,7	+2	+4
26	+1,619	— 8,4	+13,58	—11,9	+2	+4
Dec. 6	+1,553	— 4,8	+12,29	—13,9	+2	+5
16	+1,524	— 1,0	+10,81	—15,5	+1	+5
26	+1,534	+ 2,9	+ 9,19	—16,7	+1	+5
36	+1,582	+ 6,8	+ 7,47	—17,4	0	+5

	A. R. med.	Decl. med.
1750	19h 34′ 22″,2292	+10° 1′ 23″,138
1751	34 25,0847	1 31,163
1752	34 27,9402	1 39,192
1753	34 30,7957	1 47,225
1754	34 33,6512	1 55,260
1755	34 36,5067	2 3,300
1756	34 39,3622	2 11,344
1757	34 42,2177	2 19,392
1758	34 45,0732	2 27,443
1759	34 47,9286	2 35,498
1760	34 50,7840	2 43,557
1761	34 53,6395	2 51,620
1762	34 56,4949	2 59,686
1763	34 59,3503	3 7,756
1764	35 2,2056	3 15,830
1765	35 5,0610	3 23,908
1766	35 7,9164	3 31,990
1767	35 10,7718	3 40,075
1768	35 13,6272	3 48,164
1769	35 16,4827	3 56,257
1770	35 19,3381	4 4,358

Diei reducto addendum est:

ante	Jan. 11	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Aquilae.*

		h ′ ″	° ′ ″
1750	Jan. 0	19 38 35,893	+ 8 13 41,18
	Apr. 10	35,910	41,96
	Jul. 19	35,919	42,73
	Oct. 27	35,920	43,47
	Dec. 66	35,913	44,19
1751	Jan. 0	19 38 38,846	+ 8 13 52,69
	Apr. 10	38,833	53,39
	Jul. 19	38,813	54,04
	Oct. 27	38,784	54,65
	Dec. 66	38,747	55,22
1752	Jan. 1	19 38 41,689	+ 8 14 3,78
	Apr. 10	41,647	4,31
	Jul. 19	41,598	4,77
	Oct. 27	41,542	5,18
	Dec. 66	41,479	5,52
1753	Jan. 0	19 38 44,431	+ 8 14 14,16
	Apr. 10	44,363	14,46
	Jul. 19	44,291	14,68
	Oct. 27	44,214	14,83
	Dec. 66	44,133	14,90
1754	Jan. 0	19 38 47,090	+ 8 14 23,63
	Apr. 10	47,006	23,65
	Jul. 19	46,919	23,60
	Oct. 27	46,830	23,47
	Dec. 66	46,739	23,27
1755	Jan. 0	19 38 49,699	+ 8 14 32,10
	Apr. 10	49,607	31,85
	Jul. 19	49,516	31,53
	Oct. 27	49,426	31,14
	Dec. 66	49,337	30,68
1756	Jan. 1	19 38 52,296	+ 8 14 39,60
	Apr. 10	52,208	39,10
	Jul. 19	52,124	38,55
	Oct. 27	52,044	37,95
	Dec. 66	51,967	37,29
1757	Jan. 0	19 38 54,922	+ 8 14 46,28
	Apr. 10	54,849	45,60
	Jul. 19	54,781	44,90
	Oct. 27	54,720	44,15
	Dec. 66	54,665	43,37
1758	Jan. 0	19 38 57,612	+ 8 14 52,39
	Apr. 10	57,561	51,60
	Jul. 19	57,518	50,81
	Oct. 27	57,483	50,02
	Dec. 66	57,455	49,22
1759	Jan. 0	19 39 0,393	+ 8 14 58,25
	Apr. 10	0,370	57,46
	Jul. 19	0,356	56,68
	Oct. 27	0,350	55,92
	Dec. 66	0,352	55,19
1760	Jan. 1	19 39 3,280	+ 8 15 4,20
	Apr. 10	3,289	3,48
	Jul. 19	3,304	2,81
	Oct. 27	3,328	2,18
	Dec. 66	3,359	1,59
1761	Jan. 0	19 39 6,277	+ 8 15 10,55
	Apr. 10	6,313	9,99
	Jul. 19	6,356	9,49
	Oct. 27	6,406	9,05
	Dec. 66	6,462	8,67
1762	Jan. 0	19 39 9,372	+ 8 15 17,57
	Apr. 10	9,433	17,23
	Jul. 19	9,498	16,95
	Oct. 27	9,568	16,74
	Dec. 66	9,643	16,60
1763	Jan. 0	19 39 12,547	+ 8 15 25,42
	Apr. 10	12,625	25,33
	Jul. 19	12,705	25,31
	Oct. 27	12,788	25,35
	Dec. 66	12,873	25,47
1764	Jan. 1	19 39 15,773	+ 8 15 34,21
	Apr. 10	15,860	34,38
	Jul. 19	15,947	34,61
	Oct. 27	16,033	34,90
	Dec. 66	16,120	35,26
1765	Jan. 0	19 39 19,020	+ 8 15 43,93
	Apr. 10	19,106	44,33
	Jul. 19	19,190	44,79
	Oct. 27	19,272	45,30
	Dec. 66	19,351	45,87
1766	Jan. 0	19 39 22,254	+ 8 15 54,47
	Apr. 10	22,331	55,07
	Jul. 19	22,403	55,71
	Oct. 27	22,471	56,39
	Dec. 66	22,534	57,11
1767	Jan. 0	19 39 25,443	+ 8 16 5,66
	Apr. 10	25,502	6,40
	Jul. 19	25,555	7,15
	Oct. 27	25,601	7,92
	Dec. 66	25,640	8,71
1768	Jan. 1	19 39 28,557	+ 8 16 17,25
	Apr. 10	28,592	18,04
	Jul. 19	28,619	18,83
	Oct. 27	28,638	19,61
	Dec. 66	28,649	20,38
1769	Jan. 0	19 39 31,576	+ 8 16 28,93
	Apr. 10	31,582	29,69
	Jul. 19	31,579	30,42
	Oct. 27	31,569	31,12
	Dec. 66	31,550	31,78

Tabulae X. Sect. I. *α Aquilae.*

	1760		1760		Var. 10 annor.	
	″		″			
Jan. 0	−1,282	+ 5,2	− 0,05	−16,0	+1	+1
10	−1,212	+ 8,9	− 1,67	−16,2	0	+1
20	−1,105	+12,3	− 3,28	−15,7	0	+1
30	−0,966	+15,5	− 4,81	−14,6	−1	+1
Febr. 9	−0,796	+18,4	− 6,20	−12,8	−1	+1
19	−0,599	+20,9	− 7,36	−10,3	−2	+1
Mart. 1	−0,378	+23,2	− 8,25	− 7,3	−2	+1
11	−0,136	+25,1	− 8,82	− 3,9	−2	+1
21	+0,124	+26,8	− 9,03	− 0,3	−3	0
31	+0,399	+28,1	− 8,87	+ 3,5	−3	0
Apr. 10	+0,685	+28,9	− 8,33	+ 7,2	−3	0
20	+0,977	+29,3	− 7,44	+10,5	−3	0
30	+1,271	+29,3	− 6,23	+13,5	−3	0
Maj. 10	+1,562	+28,6	− 4,74	+16,1	−2	0
20	+1,843	+27,4	− 3,01	+18,1	−2	0
30	+2,109	+25,6	− 1,12	+19,4	−2	+1
Jun. 9	+2,354	+23,1	+ 0,87	+20,2	−2	+1
19	+2,571	+20,1	+ 2,91	+20,4	−1	+1
29	+2,755	+16,5	+ 4,94	+20,0	−1	+1
Jul. 9	+2,901	+12,6	+ 6,91	+19,2	0	+1
19	+3,006	+ 8,3	+ 8,77	+17,8	0	+2
29	+3,066	+ 3,9	+10,47	+16,2	0	+2
Aug. 8	+3,083	− 0,6	+12,01	+14,3	+1	+2
18	+3,055	− 4,8	+13,33	+12,2	+1	+2
28	+2,988	− 8,6	+14,45	+10,0	+2	+3
Sept. 7	+2,884	−11,9	+15,33	+ 7,6	+2	+3
17	+2,751	−14,5	+15,97	+ 5,3	+2	+3
27	+2,595	−16,2	+16,38	+ 2,9	+2	+3
Oct. 7	+2,427	−17,0	+16,54	+ 0,4	+3	+4
17	+2,255	−16,9	+16,46	− 2,0	+3	+4
27	+2,089	−15,9	+16,15	− 4,4	+3	+4
Nov. 6	+1,938	−14,1	+15,59	− 6,7	+3	+4
16	+1,808	−11,5	+14,81	− 9,0	+2	+4
26	+1,708	− 8,3	+13,80	−11,1	+2	+4
Dec. 6	+1,642	− 4,8	+12,60	−12,9	+2	+5
16	+1,613	− 1,0	+11,22	−14,5	+1	+5
26	+1,622	+ 2,8	+ 9,71	−15,6	+1	+5
36	+1,669	+ 6,6	+ 8,11	−16,2	0	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1750	19 38 34,9518	+ 8 13 39,989
1751	38 37,8815	13 48,724
1752	38 40,8111	13 57,463
1753	38 43,7408	14 6,205
1754	38 46,6704	14 14,951
1755	38 49,6000	14 23,700
1756	38 52,5296	14 32,454
1757	38 55,4592	14 41,212
1758	38 58,3888	14 49,974
1759	39 1,3182	14 58,739
1760	39 4,2477	15 7,508
1761	39 7,1772	15 16,281
1762	39 10,1067	15 25,058
1763	39 13,0362	15 33,839
1764	39 15,9657	15 42,623
1765	39 18,8952	15 51,412
1766	39 21,8246	16 0,204
1767	39 24,7540	16 9,000
1768	39 27,6834	16 17,800
1769	39 30,6128	16 26,604
1770	39 33,5422	16 35,412

Diei reducto addendum est:

ante } Jan. 12 { 0
post } { + 1

In menss. Jan. et Febr. annorun bissextorum legitur dies insequens.

Tabulae X. Sect. I. β *Aquilae.*

1750	Jan. 0	19ʰ 43′ 2″,685	+ 5° 48′ 7″,03	1760	Jan. 1	19ʰ 43′ 30″,251	+ 5° 49′ 24″,77
	Apr. 10	2,702	7,81		Apr. 10	30,260	24,06
	Jul. 19	2,710	8,56		Jul. 19	30,277	23,39
	Oct. 27	2,710	9,30		Oct. 27	30,302	22,77
	Dec. 66	2,701	10,01		Dec. 66	30,335	22,19
1751	Jan. 0	19 43 5,656	+ 5 48 18,01	1761	Jan. 0	19 43 33,274	+ 5 49 30,65
	Apr. 10	5,642	18,70		Apr. 10	33,312	30,10
	Jul. 19	5,620	19,34		Jul. 19	33,356	29,61
	Oct. 27	5,590	19,94		Oct. 27	33,409	29,18
	Dec. 66	5,551	20,50		Dec. 66	33,468	28,81
1752	Jan. 1	19 43 8,516	+ 5 48 28,55	1762	Jan. 0	19 43 36,397	+ 5 49 37,20
	Apr. 10	8,472	29,07		Apr. 10	36,459	36,87
	Jul. 19	8,421	29,53		Jul. 19	36,526	36,61
	Oct. 27	8,364	29,92		Oct. 27	36,598	36,42
	Dec. 66	8,299	30,25		Dec. 66	36,675	36,29
1753	Jan. 0	19 43 11,272	+ 5 48 38,39	1763	Jan. 0	19 43 39,600	+ 5 49 44,60
	Apr. 10	11,203	38,67		Apr. 10	39,679	44,52
	Jul. 19	11,129	38,88		Jul. 19	39,761	44,51
	Oct. 27	11,050	39,02		Oct. 27	39,846	44,57
	Dec. 66	10,967	39,08		Dec. 66	39,933	44,70
1754	Jan. 0	19 43 13,946	+ 5 48 47,31	1764	Jan. 1	19 43 42,854	+ 5 49 52,93
	Apr. 10	13,860	47,32		Apr. 10	42,943	53,10
	Jul. 19	13,772	47,26		Jul. 19	43,031	53,34
	Oct. 27	13,681	47,12		Oct. 27	43,119	53,65
	Dec. 66	13,588	46,91		Dec. 66	43,207	54,02
1755	Jan. 0	19 43 16,570	+ 5 48 55,23	1765	Jan. 0	19 43 46,129	+ 5 50 2,17
	Apr. 10	16,477	54,97		Apr. 10	46,216	2,58
	Jul. 19	16,385	54,64		Jul. 19	46,301	3,05
	Oct. 27	16,293	54,24		Oct. 27	46,384	3,57
	Dec. 66	16,202	53,78		Dec. 66	46,464	4,15
1756	Jan. 1	19 43 19,184	+ 5 49 2,19	1766	Jan. 0	19 43 49,389	+ 5 50 12,24
	Apr. 10	19,095	1,69		Apr. 10	49,466	12,85
	Jul. 19	19,009	1,13		Jul. 19	49,539	13,49
	Oct. 27	18,928	0,52		Oct. 27	49,607	14,18
	Dec. 66	18,850	48 59,86		Dec. 66	49,671	14,90
1757	Jan. 0	19 43 21,827	+ 5 49 8,34	1767	Jan. 0	19 43 52,601	+ 5 50 22,94
	Apr. 10	21,753	7,65		Apr. 10	52,661	23,68
	Jul. 19	21,685	6,94		Jul. 19	52,714	24,43
	Oct. 27	21,623	6,19		Oct. 27	52,760	25,20
	Dec. 66	21,567	5,42		Dec. 66	52,799	25,99
1758	Jan. 0	19 43 24,536	+ 5 49 13,94	1768	Jan. 1	19 43 55,738	+ 5 50 34,02
	Apr. 10	24,485	13,15		Apr. 10	55,772	35,81
	Jul. 19	24,442	12,36		Jul. 19	55,799	35,60
	Oct. 27	24,407	11,57		Oct. 27	55,817	36,37
	Dec. 66	24,380	10,77		Dec. 66	55,828	37,14
1759	Jan. 0	19 43 27,339	+ 5 49 19,30	1769	Jan. 0	99 43 58,776	+ 5 50 45,18
	Apr. 10	27,317	18,51		Apr. 10	58,781	45,94
	Jul. 19	27,304	17,74		Jul. 19	58,778	46,66
	Oct. 27	27,299	16,99		Oct. 27	58,766	47,35
	Dec. 66	27,302	16,26		Dec. 66	58,746	48,01

Tabulae X. Sect. I. *β Aquilae.*

	1760		1760		Var. 10 annor.	
Jan. 0	−1″,268	+ 4,9	− 0″,25	−14,8	+1	+1
10	−1,200	+ 8,6	− 1,75	−15,0	0	+1
20	−1,097	+12,0	− 3,24	−14,5	0	+1
30	−0,961	+15,1	− 4,65	−13,4	−1	+1
Febr. 9	−0,795	+18,0	− 5,92	−11,7	−1	+1
19	−0,602	+20,5	− 6,98	− 9,4	−2	+1
Mart. 1	−0,385	+22,8	− 7,79	− 6,6	−2	+1
11	−0,146	+24,8	− 8,29	− 3,3	−2	+1
21	+0,111	+26,5	− 8,45	+ 0,2	−3	0
31	+0,383	+27,8	− 8,26	+ 3,7	−3	0
Apr. 10	+0,666	+28,7	− 7,72	+ 7,1	−3	0
20	+0,957	+29,3	− 6,85	+10,3	−3	0
30	+1,251	+29,3	− 5,67	+13,1	−3	0
Maj. 10	+1,542	+28,7	− 4,24	+15,4	−2	0
20	+1,825	+27,6	− 2,59	+17,3	−2	0
30	+2,093	+25,8	− 0,79	+18,5	−2	+1
Jun. 9	+2,341	+23,5	+ 1,10	+19,1	−2	+1
19	+2,562	+20,5	+ 3,02	+19,2	−1	+1
29	+2,750	+17,0	+ 4,93	+18,7	−1	+1
Jul. 9	+2,901	+13,1	+ 6,76	+17,8	−1	+1
19	+3,011	+ 8,8	+ 8,48	+16,5	0	+2
29	+3,077	+ 4,4	+10,06	+14,9	0	+2
Aug. 8	+3,098	− 0,2	+11,45	+13,0	+1	+2
18	+3,076	− 4,4	+12,66	+11,0	+1	+2
28	+3,013	− 8,2	+13,65	+ 8,8	+1	+3
Sept. 7	+2,913	−11,5	+14,42	+ 6,7	+2	+3
17	+2,784	−14,1	+14,98	+ 4,5	+2	+3
27	+2,632	−15,9	+15,31	+ 2,2	+2	+3
Oct. 7	+2,466	−16,8	+15,42	0,0	+2	+3
17	+2,297	−16,7	+15,31	− 2,2	+3	+4
27	+2,132	−15,8	+14,98	− 4,4	+3	+4
Nov. 6	+1,981	−14,1	+14,44	− 6,5	+3	+4
16	+1,851	−11,5	+13,69	− 8,5	+2	+4
26	+1,751	− 8,4	+12,74	−10,4	+2	+4
Dec. 6	+1,683	− 5,0	+11,62	−12,0	+2	+4
16	+1,652	− 1,2	+10,34	−13,4	+1	+4
26	+1,659	+ 2,6	+ 8,94	−14,4	+1	+4
36	+1,704	+ 6,3	+ 7,46	−15,0	0	+4

	A. R. med.	Decl. med.
1750	19ʰ 43′ 1″,7240	+ 5° 48′ 5″,704
1751	43 4,6752	48 13,936
1752	43 7,6264	48 22,172
1753	43 10,5776	48 30,411
1754	43 13,5288	48 38,654
1755	43 16,4800	48 46,900
1756	43 19,4312	48 55,150
1757	43 22,3824	49 3,404
1758	43 25,3335	49 11,662
1759	43 28,2846	49 19,923
1760	43 31,2357	49 28,188
1761	43 34,1868	49 36,457
1762	43 37,1379	49 44,729
1763	43 40,0890	49 53,005
1764	43 43,0400	50 1,285
1765	43 45,9910	50 9,568
1766	43 48,9420	50 17,855
1767	43 51,8930	50 26,146
1768	43 54,8439	50 34,441
1769	43 57,7948	50 42,739
1770	44 0,7459	50 51,041

Diei reducto addendum est:

ante } Jan. 13 { 0
post } Jan. 13 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. 1 *α Capricorni.*

1750	Jan. 0	20h 3′ 47″,392	—13° 15′ 34″,31	1760	Jan. 1	20h 4′ 18″,564	—13° 13′ 57″,02
	Apr. 10	47,402	33,56		Apr. 10	18,584	57,68
	Jul. 19	47,402	32,83		Jul. 19	18,612	58,30
	Oct. 27	47,393	32,13		Oct. 27	18,649	58,87
	Dec. 66	47,374	31,46		Dec. 66	18,695	59,40
1751	Jan. 0	20 3 50,720	—13 15 21,38	1761	Jan. 0	20 4 22,017	—13 13 48,89
	Apr. 10	50,695	20,74		Apr. 10	22,068	49,38
	Jul. 19	50,661	20,14		Jul. 19	22,127	49,82
	Oct. 27	50,617	19,59		Oct. 27	22,192	50,19
	Dec. 66	50,565	19,09		Dec. 66	22,265	50,50
1752	Jan. 1	20 3 53,923	—13 15 8,95	1762	Jan. 0	20 4 25,579	—13 13 40,06
	Apr. 10	53,865	8,49		Apr. 10	25,656	40,33
	Jul. 19	53,800	8,10		Jul. 19	25,737	40,53
	Oct. 27	53,727	7,76		Oct. 27	25,824	40,67
	Dec. 66	53,647	7,49		Dec. 66	25,916	40,74
1753	Jan. 0	20 3 57,013	—13 14 57,27	1763	Jan. 0	20 4 29,223	—13 13 30,38
	Apr. 10	56,929	57,04		Apr. 10	29,317	30,39
	Jul. 19	56,840	56,89		Jul. 19	29,413	30,34
	Oct. 27	56,746	56,82		Oct. 27	29,511	30,22
	Dec. 66	56,647	56,82		Dec. 66	29,611	30,05
1754	Jan. 0	20 4 0,019	—13 14 46,50	1764	Jan. 1	20 4 32,916	—13 13 19,77
	Apr. 10	3 59,918	46,55		Apr. 10	33,017	19,54
	Jul. 19	59,815	46,67		Jul. 19	33,117	19,25
	Oct. 27	59,711	46,87		Oct. 27	33,216	18,90
	Dec. 66	59,605	47,13		Dec. 66	33,315	18,49
1755	Jan. 0	20 4 2,979	—13 14 36,72	1765	Jan. 0	20 4 36,620	—13 13 8,28
	Apr. 10	2,873	37,04		Apr. 10	36,717	7,83
	Jul. 19	2,769	37,42		Jul. 19	36,811	7,32
	Oct. 27	2,667	37,86		Oct. 27	36,901	6,77
	Dec. 66	2,567	38,36		Dec. 66	36,987	6,17
1756	Jan. 1	20 4 5,939	—13 14 27,87	1766	Jan. 0	20 4 40,296	—13 12 56,02
	Apr. 10	5,841	28,41		Apr. 10	40,380	55,39
	Jul. 19	5,748	29,00		Jul. 19	40,457	54,72
	Oct. 27	5,661	29,63		Oct. 27	40,528	54,03
	Dec. 66	5,579	30,31		Dec. 66	40,593	53,30
1757	Jan. 0	20 4 8,944	—13 14 19,76	1767	Jan. 0	20 4 43,910	—13 12 43,19
	Apr. 10	8,866	20,47		Apr. 10	43,970	42,44
	Jul. 19	8,795	21,19		Jul. 19	44,022	41,69
	Oct. 27	8,732	21,94		Oct. 27	44,066	40,93
	Dec. 66	8,677	22,71		Dec. 66	44,102	40,15
1758	Jan. 0	20 4 12,033	—13 14 12,13	1768	Jan. 1	20 4 47,429	—13 12 30,05
	Apr. 10	11,984	12,91		Apr. 10	47,459	29,27
	Jul. 19	11,944	13,69		Jul. 19	47,480	28,51
	Oct. 27	11,913	14,47		Oct. 27	47,492	27,76
	Dec. 66	11,891	15,24		Dec. 66	47,494	27,03
1759	Jan. 0	20 4 15,236	—13 14 4,66	1769	Jan. 0	20 4 50,832	—13 12 16,90
	Apr. 10	15,220	5,42		Apr. 10	50,828	16,18
	Jul. 19	15,214	6,16		Jul. 19	50,815	15,50
	Oct. 27	15,218	6,88		Oct. 27	50,792	14,85
	Dec. 66	15,231	7,58		Dec. 66	50,760	14,24

Tabulae X. Sect. I. 1*α* *Capricorni.*

	1760		1760		Var. 10 annor.	
	"		"			
Jan. 0	−1,258	+ 4,4	− 2,53	− 3,5	+1	−1
10	−1,196	+ 8,0	− 2,86	− 3,1	+1	−1
20	−1,099	+11,4	− 3,15	− 2,5	0	−1
30	−0,969	+14,6	− 3,36	− 1,6	0	−1
Febr. 9	−0,808	+17,5	− 3,47	− 0,5	−1	−1
19	−0,620	+20,1	− 3,46	+ 0,9	−1	−1
Mart. 1	−0,406	+22,6	− 3,29	+ 2,6	−2	−1
11	−0,169	+24,7	− 2,95	+ 4,3	−2	−1
21	+0,088	+26,6	− 2,43	+ 6,1	−3	0
31	+0,363	+28,3	− 1,73	+ 7,9	−3	0
Apr. 10	+0,653	+29,5	− 0,86	+ 9,5	−3	0
20	+0,953	+30,4	+ 0,17	+10,9	−3	0
30	+1,261	+30,9	+ 1,31	+11,9	−3	+1
Maj. 10	+1,570	+30,7	+ 2,54	+12,6	−3	+1
20	+1,874	+29,9	+ 3,82	+12,8	−3	+1
30	+2,168	+28,5	+ 5,09	+12,6	−3	+2
Jun. 9	+2,444	+26,5	+ 6,33	+12,0	−3	+2
19	+2,697	+23,7	+ 7,48	+11,0	−2	+2
29	+2,918	+20,3	+ 8,52	+ 9,7	−2	+3
Jul. 9	+3,103	+16,5	+ 9,42	+ 8,3	−1	+3
19	+3,247	+12,2	+10,17	+ 6,6	−1	+3
29	+3,346	+ 7,6	+10,74	+ 4,9	−1	+4
Aug. 8	+3,398	+ 3,0	+11,15	+ 3,3	0	+4
18	+3,405	− 1,6	+11,40	+ 1,8	0	+4
28	+3,367	− 5,8	+11,51	+ 0,5	+1	+4
Sept. 7	+3,289	− 9,6	+11,49	− 0,8	+1	+4
17	+3,176	−12,6	+11,36	− 1,7	+2	+4
27	+3,038	−14,8	+11,15	− 2,4	+2	+4
Oct. 7	+2,881	−16,1	+10,88	− 2,9	+2	+4
17	+2,717	−16,3	+10,57	− 3,3	+3	+4
27	+2,555	−15,7	+10,23	− 3,5	+3	+4
Nov. 6	+2,404	−14,2	+ 9,88	− 3,6	+3	+4
16	+2,272	−11,8	+ 9,51	− 3,7	+2	+4
26	+2,168	− 8,8	+ 9,14	− 3,7	+2	+4
Dec. 6	+2,096	− 5,5	+ 8,77	− 3,8	+2	+4
16	+2,059	− 1,8	+ 8,39	− 3,8	+1	+4
26	+2,060	+ 2,0	+ 8,02	− 3,6	+1	+4
36	+2,099	+ 5,7	+ 7,67	− 3,4	0	+3

	A. R. med.	Decl. med.
	h ' "	° ' "
1750	20 3 46,2851	−13 15 36,221
1751	3 49,6242	15 25,925
1752	3 52,9632	15 15,625
1753	3 56,3022	15 5,321
1754	3 59,6412	14 55,013
1755	4 2,9800	14 44,700
1756	4 6,3187	14 34,385
1757	4 9,6573	14 24,065
1758	4 12,9959	14 13,740
1759	4 16,3344	14 3,411
1760	4 19,6727	13 53,078
1761	4 23,0110	13 42,741
1762	4 26,3492	13 32,400
1763	4 29,6874	13 22,055
1764	4 33,0255	13 11,706
1765	4 36,3635	13 1,353
1766	4 39,7014	12 50,996
1767	4 43,0392	12 40,634
1768	4 46,3770	12 30,268
1769	4 49,7147	12 19,898
1770	4 53,0523	12 9,524

Diei reducto addendum est:

ante } Jan. 18 { 0
post } Jan. 18 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. 2 α *Capricorni*.

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	20 4 10,883	—13 17 54,13	1760	Jan. 1	20 4 42,100	—13 16 16,58
	Apr. 10	10,893	53,38		Apr. 10	42,120	17,24
	Jul. 19	10,893	52,66		Jul. 19	42,148	17,86
	Oct. 27	10,884	51,96		Oct. 27	42,185	18,43
	Dec. 66	10,865	51,29		Dec. 66	42,231	18,96
1751	Jan. 0	20 4 14,216	—13 17 41,19	1761	Jan. 0	20 4 45,558	—13 16 8,43
	Apr. 10	14,190	40,54		Apr. 10	45,609	8,92
	Jul. 19	14,156	39,94		Jul. 19	45,668	9,35
	Oct. 27	14,113	39,39		Oct. 27	45,733	9,72
	Dec. 66	14,061	38,89		Dec. 66	45,806	10,03
1752	Jan. 1	20 4 17,423	—13 17 28,73	1762	Jan. 0	20 4 49,124	—13 15 59,57
	Apr. 10	17,365	28,27		Apr. 10	49,201	59,84
	Jul. 19	17,299	27,87		Jul. 19	49,283	16 0,04
	Oct. 27	17,226	27,54		Oct. 27	49,370	0,17
	Dec. 66	17,146	27,27		Dec. 66	49,461	0,24
1753	Jan. 0	20 4 20,517	—13 17 17,02	1763	Jan. 0	20 4 52,773	—13 15 49,85
	Apr. 10	20,433	16,80		Apr. 10	52,867	49,87
	Jul. 19	20,344	16,65		Jul. 19	52,963	49,82
	Oct. 27	20,250	16,58		Oct. 27	53,061	49,70
	Dec. 66	20,151	16,58		Dec. 66	53,162	49,52
1754	Jan. 0	20 4 23,528	—13 17 6,23	1764	Jan. 1	20 4 56,470	—13 15 39,21
	Apr. 10	23,426	6,28		Apr. 10	56,571	38,98
	Jul. 19	23,323	6,40		Jul. 19	56,671	38,69
	Oct. 27	23,219	6,60		Oct. 27	56,770	38,34
	Dec. 66	23,113	6,87		Dec. 66	56,869	37,93
1755	Jan. 0	20 4 26,492	—13 16 56,43	1765	Jan. 0	20 5 0,179	—13 15 27,69
	Apr. 10	26.386	56,75		Apr. 10	0,276	27,23
	Jul. 19	26,282	57,13		Jul. 19	0,370	26,73
	Oct. 27	26,180	57,57		Oct. 27	0,460	26,18
	Dec. 66	26,080	58,07		Dec. 66	0,546	25,58
1756	Jan. 1	20 4 29,456	—13 16 47,55	1766	Jan. 0	20 5 3,860	—13 15 15,40
	Apr. 10	29,358	48,09		Apr. 10	3,944	14,77
	Jul. 19	29,266	48,68		Jul. 19	4,021	14,11
	Oct. 27	29,178	49,32		Oct. 27	4,092	13,41
	Dec. 66	29,096	50,00		Dec. 66	4,157	12,68
1757	Jan. 0	20 4 32,466	—13 16 39,42	1767	Jan. 0	20 5 7,478	—13 15 2,54
	Apr. 10	32,388	40,12		Apr. 10	7,538	1,80
	Jul. 19	32,317	40,85		Jul. 19	7,591	1,04
	Oct. 27	32,253	41,60		Oct. 27	7,635	0,28
	Dec. 66	32,197	42,37		Dec. 66	7,671	14 59,51
1758	Jan. 0	20 4 35,560	—13 16 31,76	1768	Jan. 1	20 5 11,002	—13 14 49,37
	Apr. 10	35,511	32,54		Apr. 10	11,032	48,60
	Jul. 19	35,471	33,32		Jul. 19	11,053	47,84
	Oct. 27	35,441	34,10		Oct. 27	11,065	47,09
	Dec. 66	35,418	34,87		Dec. 66	11,067	46,36
1759	Jan. 0	20 4 38,767	—13 16 24,25	1769	Jan. 0	20 5 14,410	—13 14 36,20
	Apr. 10	38,752	25,02		Apr. 10	14,406	35,48
	Jul. 19	38,746	25,76		Jul. 19	14,392	34,80
	Oct. 27	38,750	26,48		Oct. 27	14,369	34,15
	Dec. 66	38,763	27,17		Dec. 66	14,337	33,54

Tabulae X. Sect. I. 2*α Capricorni.*

	1760		1760		Var. 10 annor.	
	"		"			
Jan. 0	—1,257	+ 4,3	— 2,54	— 3,4	+1	—1
10	—1,196	+ 7,9	— 2,87	— 3,2	+1	—1
20	—1,099	+11,4	— 3,15	— 2,5	0	—1
30	—0,969	+14,6	— 3,36	— 1,6	0	—1
Febr. 9	—0,808	+17,5	— 3,47	— 0,5	—1	—1
19	—0,620	+20,1	— 3,45	+ 1,0	—1	—1
Mart. 1	—0,407	+22,5	— 3,28	+ 2,6	—2	—1
11	—0,170	+24,7	— 2,94	+ 4,4	—2	—1
21	+0,087	+26,6	— 2,41	+ 6,2	—3	0
31	+0,362	+28,3	— 1,71	+ 7,9	—3	0
Apr. 10	+0,652	+29,5	— 0,83	+ 9,5	—3	0
20	+0,952	+30,4	+ 0,19	+10,9	—3	0
30	+1,260	+30,9	+ 1,34	+11,9	—3	0
Maj. 10	+1,569	+30,7	+ 2,57	+12,5	—3	+1
20	+1,874	+30,0	+ 3,84	+12,8	—3	+1
30	+2,168	+28,6	+ 5,12	+12,6	—3	+2
Jun. 9	+2,445	+26,5	+ 6,35	+12,0	—3	+2
19	+2,698	+23,7	+ 7,51	+11,0	—2	+2
29	+2,919	+20,4	+ 8,55	+ 9,7	—2	+3
Jul. 9	+3,105	+16,5	+ 9,45	+ 8,2	—2	+3
19	+3,249	+12,2	+10,19	+ 6,6	—1	+3
29	+3,349	+ 7,7	+10,77	+ 5,0	—1	+4
Aug. 8	+3,402	+ 3,0	+11,18	+ 3,3	0	+4
18	+3,408	— 1,6	+11,43	+ 1,8	0	+4
28	+3,371	— 5,8	+11,53	+ 0,4	+1	+4
Sept. 7	+3,293	— 9,5	+11,50	— 0,8	+1	+4
17	+3,181	—12,5	+11,37	— 1,7	+2	+4
27	+3,043	—14,7	+11,16	— 2,4	+2	+4
Oct. 7	+2,887	—16,0	+10,89	— 2,9	+2	+4
17	+2,723	—16,3	+10,58	— 3,3	+2	+4
27	+2,561	—15,7	+10,24	— 3,5	+3	+4
Nov. 6	+2,409	—14,2	+ 9,88	— 3,6	+3	+4
16	+2,278	—11,8	+ 9,52	— 3,7	+2	+4
26	+2,174	— 8,9	+ 9,15	— 3,7	+2	+4
Dec. 6	+2,101	— 5,5	+ 8,78	— 3,8	+2	+4
16	+2,065	— 1,8	+ 8,40	— 3,7	+1	+4
26	+2,066	+ 2,0	+ 8,04	— 3,6	+1	+3
36	+2,104	+ 5,7	+ 7,69	— 3,3	0	+3

	A. R. med.	Decl. med.
	h ' "	° ' "
1750	20 4 9,7756	—13 17 56,058
1751	4 13,1193	17 45,735
1752	4 16,4629	17 35,407
1753	4 19,8064	17 25,075
1754	4 23,1498	17 14,739
1755	4 26,4933	17 4,400
1756	4 29,8365	16 54,055
1757	4 33,1797	16 43,707
1758	4 36,5228	16 33,355
1759	4 39,8658	16 22,999
1760	4 43,2088	16 12,638
1761	4 46,5517	16 2,274
1762	4 49,8945	15 51,905
1763	4 53,2372	15 41,532
1764	4 56,5798	15 31,155
1765	4 59,9224	15 20,774
1766	5 3,2649	15 10,389
1767	5 6,6073	15 0,000
1768	5 9,9496	14 49,607
1769	5 13,2918	14 39,210
1770	5 16,6339	14 28,808

Diei reducto addendum est:

ante	Jan. 18	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Cygni.*

1750	Jan. 0	$20^{h}\,32'\,55'',668$	$+44^{\circ}\,23'\,57'',38$	1760	Jan. 1	$20^{h}\,33'\,14'',756$	$+44^{\circ}\,25'\,54'',22$
	Apr. 10	55,711	58,08		Apr. 10	14,730	53,63
	Jul. 19	55,748	58,75		Jul. 19	14,711	53,08
	Oct. 27	55,779	59,39		Oct. 27	14,698	52,58
	Dec. 66	55,805	59,99		Dec. 66	14,692	52,13
1751	Jan. 0	20 32 57,836	+44 24 12,20	1761	Jan. 0	20 33 16,733	+44 26 4,70
	Apr. 10	57,858	12,78		Apr. 10	16,731	4,29
	Jul. 19	57,873	13,30		Jul. 19	16,735	3,94
	Oct. 27	57,882	13,77		Oct. 27	16,746	3,65
	Dec. 66	57,884	14,18		Dec. 66	16,763	3,42
1752	Jan. 1	20 32 59,924	+44 24 26,46	1762	Jan. 0	20 33 18,796	+44 26 15,92
	Apr. 10	59,921	26,84		Apr. 10	18,817	15,74
	Jul. 19	59,912	27,15		Jul. 19	18,843	15,62
	Oct. 27	59,896	27,39		Oct. 27	18,876	15,57
	Dec. 66	59,873	27,57		Dec. 66	18,914	15,59
1753	Jan. 0	20 33 1,921	+44 24 39,93	1763	Jan. 0	20 33 20,940	+44 26 28,01
	Apr. 10	1,894	40,06		Apr. 10	20,981	28,07
	Jul. 19	1,861	40,12		Jul. 19	21,027	28,19
	Oct. 27	1,822	40,11		Oct. 27	21,078	28,38
	Dec. 66	1,778	40,03		Dec. 66	21,133	28,64
1754	Jan. 0	20 33 3,833	+44 24 52,47	1764	Jan. 1	20 33 23,154	+44 26 40,98
	Apr. 10	3,785	52,34		Apr. 10	23,211	41,28
	Jul. 19	3,732	52,14		Jul. 19	23,271	41,63
	Oct. 27	3,674	51,87		Oct. 27	23,334	42,04
	Dec. 66	3,612	51,53		Dec. 66	23,400	42,51
1755	Jan. 0	20 33 5,673	+44 25 4,07	1765	Jan. 0	20 33 25,418	+44 26 54,78
	Apr. 10	5,609	3,69		Apr. 10	25,485	55,28
	Jul. 19	5,542	3,25		Jul. 19	25,553	55,82
	Oct. 27	5,473	2,75		Oct. 27	25,623	56,41
	Dec. 66	5,402	2,20		Dec. 66	25,693	57,04
1756	Jan. 1	20 33 7,465	+44 25 14,81	1766	Jan. 0	20 33 27,709	+44 27 9,27
	Apr. 10	7,393	14,23		Apr. 10	27,779	9,92
	Jul. 19	7,321	13,60		Jul. 19	27,848	10,60
	Oct. 27	7,249	12,94		Oct. 27	27,916	11,30
	Dec. 66	7,176	12,24		Dec. 66	27,983	12,03
1757	Jan. 0	20 33 9,240	+44 25 24,90	1767	Jan. 0	20 33 30,001	+44 27 24,23
	Apr. 10	9,168	24,18		Apr. 10	30,067	24,96
	Jul. 19	9,099	23,45		Jul. 19	30,129	25,70
	Oct. 27	9,032	22,70		Oct. 27	30,189	26,46
	Dec. 66	8,967	21,94		Dec. 66	30,245	27,22
1758	Jan. 0	20 33 11,028	+44 25 34,62	1768	Jan. 1	20 33 32,266	+44 27 39,39
	Apr. 10	10,965	33,86		Apr. 10	32,320	40,13
	Jul. 19	10,907	33,10		Jul. 19	32,369	40,85
	Oct. 27	10,853	32,36		Oct. 27	32,413	41,55
	Dec. 66	10,804	31,62		Dec. 66	32,452	42,24
1759	Jan. 0	20 33 12,859	+44 25 44,29	1769	Jan. 0	20 33 34,479	+44 27 54,46
	Apr. 10	12,813	43,57		Apr. 10	34,515	55,12
	Jul. 19	12,772	42,88		Jul. 19	34,544	55,74
	Oct. 27	12,737	42,22		Oct. 27	34,567	56,32
	Dec. 66	12,707	41,59		Dec. 66	34,584	56,85

Tabulae X. Sect. I. *α Cygni.*

	1760		1760		Var. 10 annor.	
	″		″			
Jan. 0	−1,607	− 7,1	+ 6,39	−26,6	0	+2
10	−1,655	− 2,3	+ 3,61	−28,6	0	+3
20	−1,653	+ 2,7	+ 0,68	−29,5	−1	+3
30	−1,602	+ 7,7	− 2,29	−29,3	−1	+3
Febr. 9	−1,500	+12,6	− 5,18	−28,0	−2	+3
19	−1,350	+17,3	− 7,89	−25,5	−2	+2
Mart. 1	−1,154	+21,7	−10,28	−22,0	−2	+2
11	−0,916	+24,8	−12,29	−17,6	−3	+2
21	−0,638	+29,4	−13,80	−12,5	−3	+1
31	−0,328	+32,4	−14,78	− 7,0	−3	+1
Apr. 10	+0,009	+34,7	−15,19	− 1,1	−3	+1
20	+0,365	+36,1	−15,00	+ 4,8	−3	0
30	+0,731	+36,7	−14,24	+10,4	−2	0
Maj. 10	+1,099	+36,4	−12,92	+15,7	−2	0
20	+1,459	+35,2	−11,10	+20,5	−2	−1
30	+1,802	+33,1	− 8,83	+24,5	−1	−1
Jun. 9	+2,120	+30,0	− 6,20	+27,8	−1	−1
19	+2,402	+26,2	− 3,27	+30,4	−1	−1
29	+2,643	+21,8	− 0,13	+32,1	0	−1
Jul. 9	+2,837	+26,7	+ 3,14	+32,9	0	−1
19	+2,977	+11,2	+ 6,45	+33,0	+1	−1
29	+3,061	+ 5,6	+ 9,74	+32,4	+1	−1
Aug. 8	+3,088	− 0,1	+12,92	+31,0	+1	−1
18	+3,059	− 5,6	+15,93	+29,0	+2	0
28	+2,976	−10,7	+18,71	+26,4	+2	0
Sept. 7	+2,843	−15,4	+21,21	+23,3	+2	0
17	+2,667	−19,4	+23,37	+19,7	+3	+1
27	+2,455	−22,5	+25,15	+15,8	+3	+1
Oct. 7	+2,217	−24,7	+26,52	+11,4	+3	+1
17	+1,961	−25,9	+27,43	+ 6,8	+3	+2
27	+1,699	−26,1	+27,87	+ 2,0	+3	+2
Nov. 6	+1,439	−25,4	+27,82	− 3,0	+3	+3
16	+1,191	−23,7	+27,27	− 8,0	+3	+3
26	+0,965	−21,2	+26,23	−12,8	+2	+4
Dec. 6	+0,768	−18,0	+24,71	−17,4	+2	+4
16	+0,605	−14,2	+22,76	−21,4	+2	+4
26	+0,484	− 9,9	+20,43	−24,8	+1	+5
36	+0,408	− 5,3	+17,80	−27,5	+1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1750	20 32 55,0658	+44 23 54,654
1751	32 57,1052	24 7,059
1752	32 59,1446	24 19,466
1753	33 1,1841	24 31,875
1754	33 3,2236	24 44,286
1755	33 5,2630	24 56,700
1756	33 7,3025	25 9,116
1757	33 9,3421	25 21,534
1758	33 11,3817	25 33,955
1759	33 13,4213	25 46,378
1760	33 15,4609	25 58,803
1761	33 17,5006	26 11,231
1762	33 19,5403	26 23,661
1763	33 21,5800	26 36,093
1764	33 23,6197	26 48,527
1765	33 25,6594	27 0,963
1766	33 27,6992	27 13,402
1767	33 29,7390	27 25,843
1768	33 31,7788	27 38,286
1769	33 33,8186	27 50,732
1770	33 35,8585	28 3,180

Diei reducto addendum est:

ante } Jan. 25 { 0
post } Jan. 25 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Aquarii.*

		h ' "	° ' "			h ' "	° ' "
1750	Jan. 0	21 52 57,193	— 1 31 18,94	1760	Jan. 1	21 53 26,018	— 1 23 39,10
	Apr. 10	57,207	18,42		Apr. 10	26,031	39,47
	Jul. 19	57,212	17,96		Jul. 19	26,052	39,78
	Oct. 27	57,208	17,54		Oct. 27	26,082	40,03
	Dec. 66	57,195	17,16		Dec. 66	26,120	40,23
1751	Jan. 0	21 53 0,288	— 1 31 0,24	1761	Jan. 0	21 53 29,193	— 1 23 23,11
	Apr. 10	0,269	30 59,91		Apr. 10	29,236	23,27
	Jul. 19	0,242	59,63		Jul. 19	29,286	23,36
	Oct. 27	0,207	59,41		Oct. 27	29,343	23,40
	Dec. 66	0,163	59,25		Dec. 66	29,406	23,37
1752	Jan. 1	21 53 3,266	— 1 30 42,26	1762	Jan. 0	21 53 32,471	— 1 28 6,32
	Apr. 10	3,217	42,14		Apr. 10	32,539	6,26
	Jul. 19	3,160	42,09		Jul. 19	32,611	6,13
	Oct. 27	3,097	42,10		Oct. 27	32,689	5,95
	Dec. 66	3,026	42,18		Dec. 66	32,771	5,70
1753	Jan. 0	21 53 6,137	— 1 30 25,10	1763	Jan. 0	21 53 35,829	— 1 27 48,73
	Apr. 10	6,062	25,22		Apr. 10	35,914	48,45
	Jul. 19	5,982	25,40		Jul. 19	36,001	48,12
	Oct. 27	5,898	25,65		Oct. 27	36,091	47,74
	Dec. 66	5,809	25,96		Dec. 66	36,183	47,31
1754	Jan. 0	21 53 8,926	— 1 30 8,80	1764	Jan. 1	21 53 39,238	— 1 27 30,39
	Apr. 10	8,834	9,15		Apr. 10	39,331	29,93
	Jul. 19	8,740	9,55		Jul. 19	39,423	29,43
	Oct. 27	8,644	10,00		Oct. 27	39,415	28,90
	Dec. 66	8,547	10,50		Dec. 66	39,607	28,32
1755	Jan. 0	21 53 11,667	— 1 29 53,28	1765	Jan. 0	21 53 42,663	— 1 27 11,45
	Apr. 10	11,569	53,81		Apr. 10	42,754	10,86
	Jul. 19	11,472	54,38		Jul. 19	42,842	10,24
	Oct. 27	11,377	54,98		Oct. 27	42,927	9,61
	Dec. 66	11,283	55,61		Dec. 66	43,009	8,95
1756	Jan. 1	21 53 14,401	— 1 29 38,35	1766	Jan. 0	21 53 46,068	— 1 26 52,10
	Apr. 10	14,309	39,00		Apr. 10	46,148	51,44
	Jul. 19	14,221	39,67		Jul. 19	46,222	50,77
	Oct. 27	14,138	40,35		Oct. 27	46,291	50,10
	Dec. 66	14,058	41,04		Dec. 66	46,355	49,43
1757	Jan. 0	21 53 17,171	— 1 29 23,76	1767	Jan. 0	21 53 49,421	— 1 26 32,58
	Apr. 10	17,096	24,45		Apr. 10	49,481	31,92
	Jul. 19	17,027	25,14		Jul. 19	49,533	31,28
	Oct. 27	16,965	25,81		Oct. 27	49,578	30,65
	Dec. 66	16,910	26,48		Dec. 66	49,616	30,04
1758	Jan. 0	21 53 20,014	— 1 29 9,21	1768	Jan. 1	21 53 52,690	— 1 26 13,16
	Apr. 10	19,964	9,86		Apr. 10	52,723	12,57
	Jul. 19	19,923	10,49		Jul. 19	52,747	12,02
	Oct. 27	19,889	11,08		Oct. 27	52,763	11,51
	Dec. 66	19,864	11,65		Dec. 66	52,770	11,03
1759	Jan. 0	21 53 22,958	— 1 28 54,41	1769	Jan. 0	21 53 55,854	— 1 25 54,10
	Apr. 10	22,939	54,95		Apr. 10	55,855	53,65
	Jul. 19	22,929	55,44		Jul. 19	55,848	53,26
	Oct. 27	22,928	55,89		Oct. 27	55,832	52,91
	Dec. 66	22,935	56,29		Dec. 66	55,807	52,62

Tabulae X. Sect. I. *α Aquarii.*

	1760		1760		Var. 10 annor.	
Jan. 0	—0,855	— 5,0	— 1,37	— 7,7	+2	+1
10	—0,893	— 2,5	— 2,13	— 7,5	+2	+1
20	—0,905	+ 0,2	— 2,87	— 7,0	+2	+1
30	—0,890	+ 3,0	— 3,53	— 6,1	+1	+1
Febr. 9	--0,846	+ 5,8	— 4,08	— 4,7	0	+1
19	—0,774	+ 8,8	— 4,47	— 3,0	0	0
Mart. 1	—0,671	+11,8	— 4,68	— 1,0	—1	0
11	—0,537	+15,0	— 4,66	+ 1,5	—1	0
21	—0,372	+18,0	— 4,39	+ 4,1	—2	0
31	—0,177	+21,0	— 3,85	+ 6,8	—2	0
Apr. 10	+0,048	+23,8	— 3,03	+ 9,5	—2	—1
20	+0,299	+26,3	— 1,95	+12,0	—3	—1
30	+0,574	+28,4	— 0,63	+14,3	—3	—1
Maj. 10	+0,867	+29,9	+ 0,91	+16,3	—3	—1
20	+1,172	+30,8	+ 2,63	+17,8	—3	—1
30	+1,482	+31,0	+ 4,46	+18,8	—3	—1
Jun. 9	+1,791	+30,4	+ 6,38	+19,3	—3	—1
19	+2,090	+29,0	+ 8,31	+19,1	—3	0
29	+2,371	+26,9	+10,20	+18,6	—2	0
Jul. 9	+2,628	+24,1	+12,02	+17,6	—2	0
19	+2,852	+20,6	+13,71	+16,1	—2	0
29	+3,039	+16,7	+15,23	+14,3	—1	+1
Aug. 8	+3,185	+12,4	+16,56	+12,3	—1	+1
18	+3,287	+ 8,0	+17,68	+10,2	—1	+1
28	+3,345	+ 3,7	+18,59	+ 8,0	0	+2
Sept. 7	+3,360	— 0,5	+19,27	+ 5,7	0	+2
17	+3,335	— 4,3	+19,73	+ 3,6	+1	+2
27	+3,275	— 7,5	+19,99	+ 1,7	+1	+3
Oct. 7	+3,186	—10,1	+20,07	— 0,1	+2	+3
17	+3,074	—12,0	+19,97	— 1,7	+2	+3
27	+2,947	—13,0	+19,73	— 3,1	+2	+3
Nov. 6	+2,814	—13,3	+19,36	— 4,3	+3	+3
16	+2,681	—13,0	+18,88	— 5,3	+3	+4
26	+2,555	—12,0	+18,30	— 6,2	+3	+4
Dec. 6	+2,441	—10,6	+17,64	— 6,9	+3	+4
16	+2,344	— 8,7	+16,93	— 7,4	+2	+4
26	+2,268	— 6,5	+16,17	— 7,7	+2	+4
36	+2,214	— 4,1	+15,40	— 7,7	+2	+3

	A. R. med.	Decl. med.
1750	21ʰ 52′ 56″,1789	— 1° 31′ 23″,611
1751	52 59,2659	31 6,573
1752	53 2,3528	30 49,533
1753	53 5,4397	30 32,491
1754	53 8,5265	30 15,446
1755	53 11,6133	29 58,400
1756	53 14,7000	29 41,350
1757	53 17,7867	29 24,299
1758	53 20,8734	29 7,245
1759	53 23,9600	28 50,189
1760	53 27,0465	28 33,130
1761	53 30,1330	28 16,070
1762	53 33,2195	27 59,007
1763	53 36,3059	27 41,942
1764	53 39,3923	27 24,875
1765	53 42,4787	27 7,806
1766	53 45,5650	26 50,734
1767	53 48,6513	26 33,660
1768	53 51,7375	26 16,584
1769	53 54,8237	25 59,505
1770	53 57,9098	25 42,423

Diei reducto addendum est:

ante } Febr. 14 { 0
post } Febr. 14 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Piscis austrini.*

1750	Jan. 0	22ʰ 43′ 47″,842	—30° 56′ 17″,95	1760	Jan. 1	22ʰ 44′ 19″,153	—30° 53′ 22″,67
	Apr. 10	47,827	17,59		Apr. 10	19,197	22,86
	Jul. 19	47,803	17,28		Jul. 19	19,249	23,00
	Oct. 27	47,768	17,02		Oct. 27	19,309	23,08
	Dec. 66	47,724	16,82		Dec. 66	19,377	23,11
1751	Jan. 0	22 43 51,097	—30 55 58,15	1761	Jan. 0	22 44 22,708	—30 53 4,36
	Apr. 10	51,048	57,99		Apr. 10	22,785	4,34
	Jul. 19	50,990	57,89		Jul. 19	22,860	4,27
	Oct. 27	50,924	57,85		Oct. 27	22,945	4,14
	Dec. 66	50,850	57,86		Dec. 66	23,035	3,95
1752	Jan. 1	22 43 54,231	—30 55 39,12	1762	Jan. 0	22 44 26,359	—30 52 45,27
	Apr. 10	54,152	39,17		Apr. 10	26,452	45,04
	Jul. 19	54,067	39,29		Jul. 19	26,549	44,77
	Oct. 27	53,975	39,47		Oct. 27	26,649	44,45
	Dec. 66	53,878	39,71		Dec. 66	26,752	44,08
1753	Jan. 0	22 43 57,267	—30 55 20,88	1763	Jan. 0	22 44 30,071	—30 52 25,45
	Apr. 10	57,166	21,16		Apr. 10	30,176	25,05
	Jul. 19	57,063	21,49		Jul. 19	30,280	24,61
	Oct. 27	56,957	21,87		Oct. 27	30,384	24,13
	Dec. 66	56,848	22,30		Dec. 66	30,488	23,62
1754	Jan. 0	22 44 0,241	—30 55 3,41	1764	Jan. 1	22 44 33,807	—30 52 5,04
	Apr. 10	0,131	3,87		Apr. 10	33,910	4,51
	Jul. 19	0,022	4,37		Jul. 19	34,011	3,95
	Oct. 27	43 59,914	4,91		Oct. 27	34,108	3,37
	Dec. 66	59,806	5,49		Dec. 66	34,203	2,76
1755	Jan. 0	22 44 3,197	—30 54 46,55	1765	Jan. 0	22 44 37,525	—30 51 44,21
	Apr. 10	3,091	47,14		Apr. 10	37,617	43,60
	Jul. 19	2,989	47,76		Jul. 19	37,703	42,98
	Oct. 27	2,891	48,39		Oct. 27	37,784	42,35
	Dec. 66	2,798	49,04		Dec. 66	37,859	41,72
1756	Jan. 1	22 44 6,184	—30 54 30,08	1766	Jan. 0	22 44 41,187	—30 51 23,18
	Apr. 10	6,094	30,74		Apr. 10	41,258	22,55
	Jul. 19	6,012	31,39		Jul. 19	41,320	21,93
	Oct. 27	5,937	32,04		Oct. 27	41,375	21,33
	Dec. 66	5,869	32,68		Dec. 66	41,422	20,74
1757	Jan. 0	22 44 9,246	—30 54 13,73	1767	Jan. 0	22 44 44,760	—30 51 2,18
	Apr. 10	9,184	14,37		Apr. 10	44,802	1,61
	Jul. 19	9,131	14,98		Jul. 19	44,834	1,06
	Oct. 27	9,087	15,57		Oct. 27	44,857	0,55
	Dec. 66	9,052	16,13		Dec. 66	44,871	0,07
1758	Jan. 0	22 44 12,417	—30 53 57,20	1768	Jan. 1	22 44 48,220	—30 50 41,47
	Apr. 10	12,389	57,74		Apr. 10	48,227	41,01
	Jul. 19	12,371	58,25		Jul. 19	48,224	40,60
	Oct. 27	12,363	58,71		Oct. 27	48,212	40,24
	Dec. 66	12,365	59,13		Dec. 66	48,190	39,92
1759	Jan. 0	22 44 15,718	—30 53 40,25	1769	Jan. 0	22 44 51,551	—30 50 21,26
	Apr. 10	15,727	40,64		Apr. 10	51,523	20,98
	Jul. 19	15,745	40,98		Jul. 19	51,485	20,75
	Oct. 27	15,774	41,26		Oct. 27	51,438	20,58
	Dec. 66	15,812	41,49		Dec. 66	51,381	20,46

Tabulae X. Sect. I. α *Piscis austrini.*

	1760		1760		Var. 10 annor.	
Jan. 0	−0″,732	− 9,8	−10″,00	+ 3,0	+4	0
10	−0,819	− 7,5	− 9,56	+ 5,8	+4	0
20	−0,831	− 4,9	− 8,85	+ 8,4	+3	−1
30	−0,916	− 2,0	− 7,89	+10,9	+3	−1
Febr. 9	−0,921	+ 1,1	− 6,68	+13,3	+2	−2
19	−0,894	+ 4,4	− 5,24	+15,4	+1	−2
Mart. 1	−0,834	+ 7,8	− 3,60	+17,3	+1	−2
11	−0,738	+11,5	− 1,78	+19,0	0	−2
21	−0,605	+15,2	+ 0,19	+20,4	−1	−3
31	−0,434	+19,0	+ 2,30	+21,5	−2	−3
Apr. 10	−0,226	+22,6	+ 4,49	+22,2	−2	−3
20	+0,017	+26,1	+ 6,73	+22,4	−3	−2
30	+0,295	+29,2	+ 8,97	+22,2	−3	−2
Maj. 10	+0,601	+31,8	+11,17	+21,6	−4	−2
20	+0,930	+33,8	+13,28	+20,4	−4	−2
30	+1,276	+35,0	+15,24	+18,7	−4	−1
Jun. 9	+1,630	+35,4	+17,01	+16,5	−5	−1
19	+1,983	+34,9	+18,53	+13,8	−5	0
29	+2,327	+33,5	+19,77	+10,8	−5	0
Jul. 9	+2,652	+31,2	+20,69	+ 7,6	−5	+1
19	+2,950	+28,1	+21,28	+ 4,2	−4	+1
29	+3,213	+24,2	+21,52	+ 0,7	−4	+2
Aug. 8	+3,434	+19,8	+21,42	− 2,7	−4	+3
18	+3,609	+15,0	+20,99	− 5,8	−3	+3
28	+3,734	+10,0	+20,26	− 8,6	−3	+3
Sept. 7	+3,809	+ 5,1	+19,28	−10,8	−2	+4
17	+3,835	+ 0,3	+18,10	−12,5	−2	+4
27	+3,815	− 4,1	+16,78	−13,6	−1	+4
Oct. 7	+3,754	− 7,8	+15,38	−14,1	0	+4
17	+3,659	−10,9	+13,97	−13,8	0	+4
27	+3,537	−13,1	+12,63	−12,9	+1	+4
Nov. 6	+3,397	−14,5	+11,40	−11,4	+1	+4
16	+3,247	−15,2	+10,36	− 9,4	+2	+4
26	+3,094	−15,1	+ 9,53	− 7,1	+2	+3
Dec. 6	+2,946	−14,3	+ 8,95	− 4,5	+2	+3
16	+2,809	−12,9	+ 8,64	− 1,7	+2	+2
26	+2,688	−11,1	+ 8,62	+ 1,2	+2	+2
36	+2,587	− 9,0	+ 8,88	+ 4,0	+2	+1

	A. R. med.	Decl. med.
1750	22h 43′ 46″,6871	−30° 56′ 23″,580
1751	43 50,0435	56 4,847
1752	43 53,3996	55 46,113
1753	43 56,7555	55 27,377
1754	44 0,1112	55 8,640
1755	44 3,4667	54 49,900
1756	44 6,8220	54 31,161
1757	44 10,1771	54 12,419
1758	44 13,5319	53 53,675
1759	44 16,8865	53 34,930
1760	44 20,2409	53 16,184
1761	44 23,5951	52 57,436
1762	44 26,9491	52 38,687
1763	44 30,3029	52 19,936
1764	44 33,6565	52 1,184
1765	44 37,0097	51 42,430
1766	44 40,3628	51 23,675
1767	44 43,7157	51 4,918
1768	44 47,0684	50 46,160
1769	44 50,4209	50 27,400
1770	44 53,7731	50 8,639

Diei reducto addendum est:

ante	Febr. 27	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Pegasi.*

1750	Jan. 0	22 52 20,481	+13 51 59,57	1760	Jan. 1	22 52 48,307	+13 54 59,08
	Apr. 10	20,508	59,90		Apr. 10	48,306	58,92
	Jul. 19	20,527	52 0,18		Jul. 19	48,313	58,81
	Oct. 27	20,538	0,40		Oct. 27	48,328	58,76
	Dec. 66	20,540	0,57		Dec. 66	48,351	58,77
1751	Jan. 0	22 52 23,517	+13 52 19,70	1761	Jan. 0	22 52 51,320	+13 55 17,95
	Apr. 10	23,513	19,83		Apr. 10	51,349	18,00
	Jul. 19	23,501	19,90		Jul. 19	51,385	18,10
	Oct. 27	23,480	19,92		Oct. 27	51,428	18,26
	Dec. 66	23,451	19,87		Dec. 66	51,479	18,47
1752	Jan. 1	22 52 26,439	+13 52 39,07	1762	Jan. 0	22 52 54,439	+13 55 37,59
	Apr. 10	26,404	38,98		Apr. 10	54,493	37,84
	Jul. 19	26,362	38,84		Jul. 19	54,553	38,13
	Oct. 27	26,311	38,64		Oct. 27	54,619	38,48
	Dec. 66	26,253	38,37		Dec. 66	54,690	38,87
1753	Jan. 0	22 52 29,251	+13 52 57,65	1763	Jan. 0	22 52 57,644	+13 55 57,92
	Apr. 10	29,188	57,35		Apr. 10	57,722	58,34
	Jul. 19	29,120	57,00		Jul. 19	57,802	58,80
	Oct. 27	29,046	56,60		Oct. 27	57,886	59,29
	Dec. 66	28,966	56,15		Dec. 66	57,972	59,82
1754	Jan. 0	22 52 31,970	+13 53 15,48	1764	Jan. 1	22 53 0,920	+13 56 18,83
	Apr. 10	31,887	15,00		Apr. 10	1,008	19,38
	Jul. 19	31,800	14,49		Jul. 19	1,096	19,94
	Oct. 27	31,711	13,94		Oct. 27	1,186	20,53
	Dec. 66	31,618	13,36		Dec. 66	1,276	21,14
1755	Jan. 0	22 52 34,627	+13 53 32,74	1765	Jan. 0	22 53 4,224	+13 56 40,13
	Apr. 10	34,533	32,13		Apr. 10	4,314	40,74
	Jul. 19	34,438	31,52		Jul. 19	4,403	41,36
	Oct. 27	34,344	30,89		Oct. 27	4,491	41,98
	Dec. 66	34,250	30,25		Dec. 66	4,577	42,61
1756	Jan. 1	22 52 37,259	+13 53 49,66	1766	Jan. 0	22 53 7,526	+13 57 1,59
	Apr. 10	37,166	48,99		Apr. 10	7,610	2,21
	Jul. 19	37,075	48,34		Jul. 19	7,690	2,81
	Oct. 27	36,987	47,69		Oct. 27	7,766	3,40
	Dec. 66	36,903	47,06		Dec. 66	7,837	3,97
1757	Jan. 0	22 52 39,909	+13 54 6,46	1767	Jan. 0	22 53 10,792	+13 57 22,98
	Apr. 10	39,827	5,84		Apr. 10	10,860	23,54
	Jul. 19	39,751	5,24		Jul. 19	10,922	24,06
	Oct. 27	39,681	4,67		Oct. 27	10,978	24,55
	Dec. 66	39,616	4,12		Dec. 66	11,027	25,01
1758	Jan. 0	22 52 42,615	+13 54 23,48	1768	Jan. 1	22 53 13,990	+13 57 44,06
	Apr. 10	42,554	22,96		Apr. 10	14,034	44,49
	Jul. 19	42,501	22,48		Jul. 19	14,071	44,88
	Oct. 27	42,456	22,04		Oct. 27	14,100	45,21
	Dec. 66	42,418	21,65		Dec. 66	14,121	45,50
1759	Jan. 0	22 52 45,408	+13 54 40,96	1769	Jan. 0	22 53 17,094	+13 58 4,61
	Apr. 10	45,375	40,60		Apr. 10	17,109	4,86
	Jul. 19	45,351	40,29		Jul. 19	17,116	5,06
	Oct. 27	45,335	40,03		Oct. 27	17,115	5,20
	Dec. 66	45,328	39,83		Dec. 66	17,105	5,29

Tabulae X. Sect. I. *α Pegasi.*

	1760		1760		Var. 10 annor.	
	″		″			
Jan. 0	−0,575	− 9,4	+ 3,32	−10,6	+3	+2
10	−0,661	− 7,7	+ 2,19	−11,8	+2	+2
20	−0,729	− 5,8	+ 0,97	−12,5	+2	+2
30	−0,776	− 3,5	− 0,30	−12,6	+2	+2
Febr. 9	−0,798	− 0,8	− 1,54	−12,1	+1	+2
19	−0,792	+ 2,2	− 2,71	−11,1	+1	+2
Mart. 1	−0,755	+ 5,5	− 3,75	− 9,4	0	+2
11	−0,683	+ 9,0	− 4,58	− 7,1	−1	+1
21	−0,576	+12,6	− 5,16	− 4,3	−1	+1
31	−0,431	+16,3	− 5,44	− 1,1	−1	+1
Apr. 10	−0,250	+19,9	− 5,38	+ 2,3	−2	0
20	−0,033	+23,3	− 4,98	+ 5,8	−2	0
30	+0,216	+26,3	− 4,23	+ 9,3	−2	0
Maj. 10	+0,492	+28,7	− 3,13	+12,6	−3	−1
20	+0,790	+30,5	− 1,72	+15,5	−3	−1
30	+1,102	+31,6	− 0,03	+18,1	−3	−1
Jun. 9	+1,421	+31,8	+ 1,90	+20,2	−3	−1
19	+1,738	+31,2	+ 4,01	+21,7	−2	−2
29	+2,044	+29,8	+ 6,24	+22,6	−2	−2
Jul. 9	+2,333	+27,6	+ 8,53	+23,0	−2	−2
19	+2,595	+24,7	+10,83	+22,8	−2	−1
29	+2,826	+21,3	+13,09	+22,1	−1	−1
Aug. 8	+3,020	+17,4	+15,24	+20,9	−1	−1
18	+3,173	+13,2	+17,26	+19,3	0	−1
28	+3,284	+ 9,0	+19,10	+17,4	0	−1
Sept. 7	+3,353	+ 4,9	+20,73	+15,3	+1	0
17	+3,381	+ 0,9	+22,15	+13,0	+1	0
27	+3,371	− 2,7	+23,33	+10,6	+2	0
Oct. 7	+3,328	− 5,7	+24,26	+ 8,1	+2	+1
17	+3,257	− 8,2	+24,94	+ 5,6	+3	+1
27	+3,164	−10,1	+25,38	+ 3,2	+3	+2
Nov. 6	+3,055	−11,4	+25,57	+ 0,7	+3	+2
16	+2,937	−12,1	+25,52	− 1,7	+3	+2
26	+2,813	−12,3	+25,24	− 3,9	+4	+3
Dec. 6	+2,691	−12,0	+24,74	− 6,0	+4	+3
16	+2,573	−11,4	+24,04	− 8,0	+4	+3
26	+2,464	−10,2	+23,14	− 9,7	+3	+3
36	+2,369	− 8,8	+22,10	−11,1	+3	+3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1750	22 52 19,5334	+13 51 53,798
1751	52 22,5106	52 12,976
1752	52 25,4879	52 32,155
1753	52 28,4652	52 51,335
1754	52 31,4426	53 10,517
1755	52 34,4200	53 29,700
1756	52 37,3975	53 48,884
1757	52 40,3750	54 8,069
1758	52 43,3527	54 27,254
1759	52 46,3304	54 46,441
1760	52 49,3081	55 5,629
1761	52 52,2859	55 24,818
1762	52 55,2637	55 44,009
1763	52 58,2416	56 3,201
1764	53 1,2194	56 22,394
1765	53 4,1974	56 41,588
1766	53 7,1754	57 0,783
1767	53 10,1535	57 19,979
1768	53 13,1316	57 39,177
1769	53 16,1099	57 58,376
1770	53 19,0881	58 17,576

Diei reducto addendum est:

ante	Mart. 1	0
post	Mart. 1	+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Andromedae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1750	Jan. 0	23 55 32,124	+27 42 39,57	1760	Jan. 1	23 56 0,796	+27 45 45,47
	Apr. 10	32,168	39,68		Apr. 10	0,779	45,53
	Jul. 19	32,203	39,74		Jul. 19	0,771	45,65
	Oct. 27	32,229	39,74		Oct. 27	0,772	45,82
	Dec. 66	32,247	39,68		Dec. 66	0,781	46,05
1751	Jan. 0	23 55 35,306	+27 42 59,61	1761	Jan. 0	23 56 3,843	+27 46 5,87
	Apr. 10	35,313	59,52		Apr. 10	3,859	6,13
	Jul. 19	35,320	59,37		Jul. 19	3,883	6,44
	Oct. 27	35,313	59,16		Oct. 27	3,915	6,79
	Dec. 66	35,297	58,90		Dec. 66	3,956	7,19
1752	Jan. 1	23 55 38,368	+27 43 18,90	1762	Jan. 0	23 56 7,008	+27 46 26,96
	Apr. 10	38,346	18,60		Apr. 10	7,054	27,38
	Jul. 19	38,316	18,26		Jul. 19	7,107	27,84
	Oct. 27	38,276	17,86		Oct. 27	7,167	28,33
	Dec. 66	38,227	17,42		Dec. 66	7,234	28,85
1753	Jan. 0	23 55 41,309	+27 43 37,48	1763	Jan. 0	23 56 10,278	+27 46 48,58
	Apr. 10	41,255	37,01		Apr. 10	10,349	49,12
	Jul. 19	41,194	36,51		Jul. 19	10,425	49,68
	Oct. 27	41,125	35,98		Oct. 27	10,506	50,25
	Dec. 66	41,049	35,41		Dec. 66	10,591	50,84
1754	Jan. 0	23 55 44,140	+27 43 55,51	1764	Jan. 1	23 56 13,629	+27 47 10,55
	Apr. 10	44,060	54,92		Apr. 10	13,717	11,15
	Jul. 19	43,976	54,32		Jul. 19	13,808	11,75
	Oct. 27	43,886	53,71		Oct. 27	13,901	12,35
	Dec. 66	43,792	53,08		Dec. 66	13,997	12,95
1755	Jan. 0	23 55 46,889	+27 44 13,20	1765	Jan. 0	23 56 17,032	+27 47 32,65
	Apr. 10	46,793	12,57		Apr. 10	17,128	33,24
	Jul. 19	46,695	11,94		Jul. 19	17,224	33,82
	Oct. 27	46,596	11,32		Oct. 27	17,320	34,38
	Dec. 66	46,495	10,70		Dec. 66	17,415	34,93
1756	Jan. 1	23 55 49,594	+27 44 30,81	1766	Jan. 0	23 56 20,450	+27 47 54,66
	Apr. 10	49,493	30,21		Apr. 10	20,545	55,18
	Jul. 19	49,393	29,63		Jul. 19	20,636	55,67
	Oct. 27	49,296	29,08		Oct. 27	20,724	56,13
	Dec. 66	49,200	28,55		Dec. 66	20,808	56,56
1757	Jan. 0	23 55 52,297	+27 44 48,64	1767	Jan. 0	23 56 23,848	+27 48 16,33
	Apr. 10	52,204	48,13		Apr. 10	23,930	16,73
	Jul. 19	52,115	47,67		Jul. 19	24,006	17,09
	Oct. 27	52,031	47,25		Oct. 27	24,077	17,40
	Dec. 66	51,951	46,88		Dec. 66	24,142	17,66
1758	Jan. 0	23 55 55,043	+27 45 6,91	1768	Jan. 1	23 56 27,189	+27 48 37,49
	Apr. 10	54,967	6,57		Apr. 10	27,249	37,72
	Jul. 19	54,899	6,28		Jul. 19	27,302	37,90
	Oct. 27	54,838	6,04		Oct. 27	27,347	38,02
	Dec. 66	54,784	5,86		Dec. 66	27,384	38,09
1759	Jan. 0	23 55 57,867	+27 45 25,82	1769	Jan. 0	23 56 30,440	+27 48 57,98
	Apr. 10	57,819	25,67		Apr. 10	30,472	58,01
	Jul. 19	57,779	25,58		Jul. 19	30,495	57,98
	Oct. 27	57,748	25,55		Oct. 27	30,509	57,90
	Dec. 66	57,725	25,58		Dec. 66	30,514	57,76

Tabulae X. Sect. I. *α Andromedae.*

	1760		1760		Var. 10 annor.	
	″		″			
Jan. 0	−0,226	−13,5	+ 8,19	− 8,5	+3	+2
10	−0,359	−12,9	+ 7,21	−11,1	+3	+2
20	−0,484	−11,9	+ 5,98	−13,2	+3	+3
30	−0,596	−10,3	+ 4,57	−14,8	+2	+3
Febr. 9	−0,689	− 8,1	+ 3,02	−15,9	+2	+3
19	−0,757	− 5,2	+ 1,40	−16,1	+1	+3
Mart. 1	−0,793	− 1,8	− 0,20	−15,6	+1	+3
11	−0,792	+ 2,2	− 1,72	−14,4	0	+3
21	−0,750	+ 6,4	− 3,08	−12,4	0	+2
31	−0,664	+10,9	− 4,20	− 9,8	−1	+2
Apr. 10	−0,532	+15,5	− 5,03	− 6,6	−1	+2
20	−0,355	+19,9	− 5,52	− 3,0	−2	+1
30	−0,135	+24,0	− 5,63	+ 0,9	−2	+1
Maj. 10	+0,124	+27,5	− 5,35	+ 4,7	−2	0
20	+0,415	+30,4	− 4,69	+ 8,6	−3	0
30	+0,732	+32,6	− 3,63	+12,4	−3	−1
Jun. 9	+1,066	+33,9	− 2,22	+15,7	−3	−1
19	+1,409	+34,2	− 0,50	+18,6	−2	−2
29	+1,750	+33,7	+ 1,49	+21,0	−2	−2
Jul. 9	+2,082	+32,3	+ 3,70	+22,9	−2	−2
19	+2,395	+30,1	+ 6,07	+24,2	−2	−3
29	+2,683	+27,2	+ 8,54	+24,9	−1	−3
Aug. 8	+2,938	+23,7	+11,05	+25,1	−1	−3
18	+3,157	+19,9	+13,55	+24,7	0	−3
28	+3,336	+15,9	+15,98	+23,8	0	−3
Sept. 7	+3,474	+11,7	+18,31	+22,6	+1	−3
17	+3,570	+ 7,7	+20,49	+20,9	+2	−2
27	+3,627	+ 3,8	+22,49	+18,9	+2	−2
Oct. 7	+3,646	+ 0,2	+24,27	+16,7	+3	−2
17	+3,630	− 3,1	+25,82	+14,2	+3	−1
27	+3,585	− 5,8	+27,10	+11,5	+4	−1
Nov. 6	+3,514	− 8,2	+28,11	+ 8,6	+4	0
16	+3,422	−10,1	+28,81	+ 5,6	+5	0
26	+3,313	−11,6	+29,22	+ 2,6	+5	+1
Dec. 6	+3,191	−12,7	+29,32	− 0,6	+5	+1
16	+3,060	−13,3	+29,10	− 3,8	+5	+1
26	+2,925	−13,5	+28,57	− 6,7	+5	+2
36	+2,790	−13,4	+27,76	− 9,5	+5	+2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1750	23 55 31,1823	+27 42 33,055
1751	55 34,2469	42 52,964
1752	55 37,3116	43 12,873
1753	55 40,3765	43 32,782
1754	55 43,4415	43 52,691
1755	55 46,5067	44 12,600
1756	55 49,5721	44 32,509
1757	55 52,6378	44 52,418
1758	55 55,7036	45 12,327
1759	55 58,7696	45 32,236
1760	56 1,8358	45 52,144
1761	56 4,9021	46 12,052
1762	56 7,9686	46 31,961
1763	56 11,0353	46 51,869
1764	56 14,1022	47 11,778
1765	56 17,1692	47 31,686
1766	56 20,2364	47 51,594
1767	56 23,3038	48 11,503
1768	56 26,3714	48 31,411
1769	56 29,4391	48 51,320
1770	56 32,5070	49 11,228

Diei reducto addendum est:

ante } Mart. 19 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. I. *α Ursae minoris.*

		h ′ ″	″	° ′ ″	″	⊙ + ☊	☽
1750	Jan. 0	0 42 51,84	+ 1,57	87 58 9,31	— 0,06	555	495
	Apr. 10	53,41	+ 1,54	9,25	— 0,11		
	Jul. 19	54,95	+ 1,52	9,14	— 0,17		
	Oct. 27	56,47	+ 1,50	8,97	— 0,23		
	Dec. 66	57,97		8,74			
1751	Jan. 0	0 43 7,64	+ 1,47	87 58 28,54	— 0,26	501	864
	Apr. 10	9,11	+ 1,40	28,28	— 0,31		
	Jul. 19	10,51	+ 1,33	27,97	— 0,37		
	Oct. 27	11,84	+ 1,26	27,60	— 0,41		
	Dec. 66	13,10		27,19			
1752	Jan. 1	0 43 22,90	+ 1,20	87 58 47,05	— 0,45	447	232
	Apr. 10	24,10	+ 1,09	46,61	— 0,49		
	Jul. 19	25,19	+ 0,98	46,12	— 0,53		
	Oct. 27	26,17	+ 0,87	45,59	— 0,57		
	Dec. 66	27,04		45,02			
1753	Jan. 0	0 43 37,03	+ 0,78	87 59 4,95	— 0,57	394	600
	Apr. 10	37,81	+ 0,65	4,38	— 0,60		
	Jul. 19	38,46	+ 0,50	3,78	— 0,61		
	Oct. 27	38,96	+ 0,37	3,17	— 0,63		
	Dec. 66	39,33		2,54			
1754	Jan. 0	0 43 49,53	+ 0,27	87 59 22,47	— 0,64	340	969
	Apr. 10	49,80	+ 0,11	21,83	— 0,64		
	Jul. 19	49,91	— 0,03	21,19	— 0,64		
	Oct. 27	49,88	— 0,18	20,55	— 0,64		
	Dec. 66	49,70		19,91			
1755	Jan. 0	0 44 0,13	— 0,29	87 59 39,83	— 0,62	286	337
	Apr. 10	43 59,84	— 0,43	39,21	— 0,61		
	Jul. 19	59,41	— 0,57	38,60	— 0,58		
	Oct. 27	58,84	— 0,72	38,02	— 0,56		
	Dec. 66	58,12		37,46			
1756	Jan. 1	0 44 8,79	— 0,81	87 59 57,35	— 0,54	232	705
	Apr. 10	7,98	— 0,93	56,81	— 0,50		
	Jul. 19	7,05	— 1,05	56,31	— 0,45		
	Oct. 27	6,00	— 1,16	55,86	— 0,42		
	Dec. 66	4,84		55,44			
1757	Jan. 0	0 44 15,70	— 1,24	88 0 15,28	— 0,39	179	073
	Apr. 10	14,46	— 1,31	14,89	— 0,33		
	Jul. 19	13,15	— 1,39	14,56	— 0,28		
	Oct. 27	11,76	— 1,48	14,28	— 0,23		
	Dec. 66	10,28		14,05			
1758	Jan. 0	0 44 21,29	— 1,51	88 0 33,82	— 0,19	125	442
	Apr. 10	19,78	— 1,54	33,63	— 0,13		
	Jul. 19	18,24	— 1,58	33,50	— 0,07		
	Oct. 27	16,66	— 1,60	33,43	— 0,01		
	Dec. 66	15,06		33,42			
1759	Jan. 0	0 44 26,16	— 1,61	88 0 53,11	+ 0,03	071	810
	Apr. 10	24,55	— 1,59	53,14	+ 0,08		
	Jul. 19	22,96	— 1,57	53,22	+ 0,15		
	Oct. 27	21,39	— 1,56	53,37	+ 0,20		
	Dec. 66	19,83		53,57			

Tabulae X. Sect. I. *α Ursae minoris.*

		h ′ ″	″	° ′ ″	″	⊙ + ☊	☽
1760	Jan. 1	0 44 30,96	− 1,53	88 1 13,18	+ 0,24	017	178
	Apr. 10	29,43	− 1,46	13,42	+ 0,28		
	Jul. 19	27,97	− 1,39	13,70	+ 0,33		
	Oct. 27	26,58	− 1,33	14,03	+ 0,38		
	Dec. 66	25,25		14,41			
1761	Jan. 0	0 44 36,34	− 1,27	88 1 33,97	+ 0,41	964	546
	Apr. 10	35,07	− 1,16	34,38	+ 0,44		
	Jul. 19	33,91	− 1,07	34,82	+ 0,49		
	Oct. 27	32,84	− 0,96	35,31	+ 0,53		
	Dec. 66	31,88		35,84			
1762	Jan. 0	0 44 42,90	− 0,88	88 1 55,34	+ 0,53	910	915
	Apr. 10	42,02	− 0,75	55,87	+ 0,56		
	Jul. 19	41,27	− 0,63	56,43	+ 0,58		
	Oct. 27	40,64	− 0,49	57,01	+ 0,60		
	Dec. 66	40,15		57,61			
1763	Jan. 0	0 44 51,06	− 0,40	88 2 17,09	+ 0,60	856	283
	Apr. 10	50,66	− 0,26	17,69	+ 0,61		
	Jul. 19	50,40	− 0,11	18,30	+ 0,61		
	Oct. 27	50,29	+ 0,02	18,91	+ 0,61		
	Dec. 66	50,31		19,52			
1764	Jan. 1	0 45 1,10	+ 0,12	88 2 39,00	+ 0,61	803	651
	Apr. 10	1,22	+ 0,27	39,61	+ 0,59		
	Jul. 19	1,49	+ 0,40	40,20	+ 0,58		
	Oct. 27	1,89	+ 0,54	40,78	+ 0,56		
	Dec. 66	2,43		41,34			
1765	Jan. 0	0 45 13,10	+ 0,63	88 3 0,83	+ 0,54	749	020
	Apr. 10	13,73	+ 0,76	1,37	+ 0,52		
	Jul. 19	14,49	+ 0,89	1,89	+ 0,48		
	Oct. 27	15,38	+ 1,01	2,37	+ 0,46		
	Dec. 66	16,39		2,83			
1766	Jan. 0	0 45 26,97	+ 1,08	88 3 22,35	+ 0,43	695	388
	Apr. 10	28,05	+ 1,18	22,78	+ 0,38		
	Jul. 19	29,23	+ 1,27	23,16	+ 0,34		
	Oct. 27	30,50	+ 1,38	23,50	+ 0,29		
	Dec. 66	31,88		23,79			
1767	Jan. 0	0 45 42,37	+ 1,43	88 3 43,37	+ 0,26	641	756
	Apr. 10	43,80	+ 1,49	43,63	+ 0,20		
	Jul. 19	45,29	+ 1,53	43,83	+ 0,16		
	Oct. 27	46,82	+ 1,60	43,99	+ 0,10		
	Dec. 66	48,42		44,09			
1768	Jan. 1	0 45 58,90	+ 1,62	88 4 3,72	+ 0,07	588	124
	Apr. 10	46 0,52	+ 1,62	3,79	0,00		
	Jul. 19	2,14	+ 1,63	3,79	− 0,06		
	Oct. 27	3,77	+ 1,64	3,73	− 0,11		
	Dec. 66	5,41		3,62			
1769	Jan. 0	0 46 15,94	+ 1,62	88 4 23,33	− 0,15	534	493
	Apr. 10	17,56	+ 1,59	23,18	− 0,20		
	Jul. 19	19,15	+ 1,54	22,98	− 0,26		
	Oct. 27	20,69	+ 1,50	22,72	− 0,32		
	Dec. 66	22,19		22,40			

Tabulae X. Sect. I. α *Ursae minoris.*

	Corr. A. R. pro 1760		Variatio annua		Corr. Decl. pro 1760		Variatio annua		Mot. Arg. ⊙+☊	☽
Jan. 0	+ 2″,83	−6″,20	+0″,0385	−168	+20″,17	+0″,41	−0″,0009	+27	000	000
10	− 3,32	−6,18	+0,0217	−177	+20,58	−0,24	+0,0018	+28	026	365
20	− 9,50	−5,92	+0,0040	−179	+20,34	−0,87	+0,0046	+25	052	730
30	−15,42	−5,45	−0,0139	−175	+19,47	−1,48	+0,0071	+23	078	095
Febr. 9	−20,87	−4,74	−0,0314	−164	+17,99	−2,01	+0,0094	+19	103	460
19	−25,61	−3,87	−0,0478	−148	+15,98	−2,44	+0,0113	+17	129	825
Mart. 1	−29,48	−2,84	−0,0626	−122	+13,54	−2,79	+0,0130	+11	155	190
11	−32,52	−1,71	−0,0748	− 91	+10,75	−3,00	+0,0141	+ 6	181	555
21	−34,03	−0,53	−0,0839	− 61	+ 7,75	−3,09	+0,0147	+ 2	207	920
31	−34,56	+0,67	−0,0900	− 29	+ 4,66	−3,07	+0,0149	− 4	233	285
Apr. 10	−33,89	+1,81	−0,0929	+ 7	+ 1,59	−2,91	+0,0145	− 8	258	650
20	−32,08	+2,88	−0,0922	+ 37	− 1,32	−2,65	+0,0137	−13	284	015
30	−29,20	+3,84	−0,0885	+ 71	− 3,97	−2,30	+0,0124	−16	310	380
Maj. 10	−25,36	+4,64	−0,0814	+ 97	− 6,27	−1,88	+0,0108	−19	336	745
20	−20,72	+5,29	−0,0717	+123	− 8,15	−1,39	+0,0089	−22	362	110
30	−15,43	+5,78	−0,0594	+143	− 9,54	−0,85	+0,0067	−25	388	475
Jun. 9	− 9,65	+6,09	−0,0451	+155	−10,39	−0,31	+0,0042	−24	413	840
19	− 3,56	+6,22	−0,0296	+174	−10,70	+0,25	+0,0018	−26	439	205
29	+ 2,66	+6,20	−0,0122	+180	−10,45	+0,80	−0,0008	−26	465	570
Jul. 9	+ 8,86	+6,02	+0,0058	+184	− 9,65	+1,33	−0,0034	−24	491	935
19	+14,88	+5,71	+0,0242	+179	− 8,32	+1,83	−0,0058	−24	517	300
29	+20,59	+5,27	+0,0421	+176	− 6,49	+2,29	−0,0082	−23	543	665
Aug. 8	+25,86	+4,73	+0,0597	+164	− 4,20	+2,69	−0,0105	−19	568	030
18	+30,59	+4,08	+0,0761	+159	− 1,51	+3,05	−0,0124	−17	594	395
28	+34,67	+3,36	+0,0920	+141	+ 1,54	+3,33	−0,0141	−13	620	760
Sept. 7	+38,03	+2,56	+0,1061	+120	+ 4,87	+3,57	−0,0154	−11	646	125
17	+40,59	+1,70	+0,1181	+103	+ 8,44	+3,72	−0,0165	− 7	672	490
27	+42,29	+0,80	+0,1284	+ 78	+12,16	+3,80	−0,0172	− 3	698	855
Oct. 7	+43,09	−0,12	+0,1362	+ 55	+15,96	+3,80	−0,0175	+ 1	723	220
17	+42,97	−1,09	+0,1417	+ 25	+19,76	+3,73	−0,0174	+ 5	749	585
27	+41,88	−2,02	+0,1442	− 4	+23,49	+3,55	−0,0169	+10	775	950
Nov. 6	+39,86	−2,96	+0,1438	− 32	+27,04	+3,30	−0,0159	+13	801	315
16	+36,90	−3,82	+0,1406	− 62	+30,34	+2,95	−0,0146	+17	827	680
26	+33,08	−4,61	+0,1344	− 91	+33,29	+2,52	−0,0129	+21	853	045
Dec. 6	+28,47	−5,27	+0,1253	−117	+35,81	+2,02	−0,0108	+23	879	410
16	+23,20	−5,80	+0,1136	−142	+37,83	+1,44	−0,0085	+25	904	775
26	+17,40	−6,12	+0,0994	−160	+39,27	+0,82	−0,0060	+28	930	140
36	+11,28		+0,0834		+40,09		−0,0032		956	505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Dici reducto addendum est:

pro Culminatione superiori	ante / post	Apr. 1	+ 1 / + 2
pro Culminatione inferiori	ante / post	Oct. 4	+ 1,5 / + 2,5

Tabulae X. Sect. I. *a Ursae minoris.*

Motus Arg.

Dies	⊙ + ☊	☽
1	003	037
2	005	073
3	008	110
4	010	146
5	013	183
6	016	219
7	018	256
8	021	292
9	023	329
10	026	365

Arg. ⊙ + ☊

Arg.	A. R.	Arg.
000	−0″,02 +	500
010	−0,01 +	510
020	−0,01 +	520
030	−0,01 +	530
040	−0,01 +	540
050	0,00	550
060	0,00	560
070	0,00	570
080	0,00	580
090	+0,01 −	590
100	+0,01 −	600
110	+0,01 −	610
120	+0,02 −	620
130	+0,02 −	630
140	+0,02 −	640
150	+0,02 −	650
160	+0,02 −	660
170	+0,03 −	670
180	+0,03 −	680
190	+0,03 −	690
200	+0,03 −	700
210	+0,03 −	710
220	+0,04 −	720
230	+0,04 −	730
240	+0,04 −	740
250	+0,04 −	750
260	+0,04 −	760
270	+0,04 −	770
280	+0,04 −	780
290	+0,04 −	790
300	+0,04 −	800
310	+0,04 −	810
320	+0,04 −	820
330	+0,04 −	830
340	+0,04 −	840
350	+0,04 −	850
360	+0,04 −	860
370	+0,04 −	870
380	+0,04 −	880
390	+0,04 −	890
400	+0,03 −	900
410	+0,03 −	910
420	+0,03 −	920
430	+0,03 −	930
440	+0,03 −	940
450	+0,03 −	950
460	+0,02 −	960
470	+0,02 −	970
480	+0,02 −	980
490	+0,02 −	990

Arg. ☽

Arg.	Arg.	A. R.	Decl.
000	500	−0″,17	+0″,02
010	510	−0,17	+0,01
020	520	−0,17	0,00
030	530	−0,17	−0,01
040	540	−0,17	−0,02
050	550	−0,16	−0,03
060	560	−0,15	−0,04
070	570	−0,14	−0,05
080	580	−0,13	−0,06
090	590	−0,11	−0,06
100	600	−0,09	−0,07
110	610	−0,07	−0,07
120	620	−0,05	−0,08
130	630	−0,03	−0,08
140	640	−0,01	−0,08
150	650	+0,01	−0,08
160	660	+0,03	−0,08
170	670	+0,05	−0,07
180	680	+0,07	−0,07
190	690	+0,09	−0,07
200	700	+0,11	−0,06
210	710	+0,13	−0,05
220	720	+0,14	−0,05
230	730	+0,15	−0,04
240	740	+0,16	−0,03
250	750	+0,17	−0,02
260	760	+0,17	−0,01
270	770	+0,17	0,00
280	780	+0,17	+0,01
290	790	+0,17	+0,02
300	800	+0,16	+0,03
310	810	+0,15	+0,04
320	820	+0,14	+0,05
330	830	+0,13	+0,06
340	840	+0,11	+0,06
350	850	+0,09	+0,07
360	860	+0,07	+0,07
370	870	+0,05	+0,08
380	880	+0,03	+0,08
390	890	+0,01	+0,08
400	900	−0,01	+0,08
410	910	−0,03	+0,08
420	920	−0,05	+0,07
430	930	−0,07	+0,07
440	940	−0,09	+0,07
450	950	−0,11	+0,06
460	960	−0,13	+0,05
470	970	−0,14	+0,05
480	980	−0,15	+0,04
490	990	−0,16	+0,03

Tabulae X. Sect. I. *α Ursae minoris.*

	A. R. med.	+	Decl. med.	+
	h ′ ″	″	° ′ ″	″
1750	0 42 51,686	10,166	87 58 2,556	19,719
1751	43 1,852	10,214	58 22,275	19,716
1752	43 12,066	10,262	58 41,991	19,713
1753	43 22,328	10,310	59 1,704	19,710
1754	43 32,638	10,359	59 21,414	19,706
1755	43 42,997	10,408	59 41,120	19,704
1756	43 53,405	10,456	88 0 0,824	19,701
1757	44 3,861	10,507	0 20,525	19,697
1758	44 14,368	10,556	0 40,222	19,695
1759	44 24,924	10,606	0 59,917	19,691
1760	44 35,530	10,658	1 19,608	19,688
1761	44 46,188	10,708	1 39,296	19,685
1762	44 56,896	10,759	1 58,981	19,682
1763	45 7,655	10,811	2 18,663	19,679
1764	45 18,466	10,863	2 38,342	19,676
1765	45 29,329	10,916	2 58,018	19,672
1766	45 40,245	10,969	3 17,690	19,669
1767	45 51,214	11,022	3 37,359	19,666
1768	46 2,236	11,075	3 57,025	19,662
1769	46 13,311	11,130	4 16,687	19,659
1770	46 24,441		4 36,346	

Tabulae X. Sectio secunda.

Adscensiones rectae et Declinationes mediae et apparentes
Stellarum 36 *fundamentalium atque α Ursae minoris,*

ab Anno 1770 usque ad Annum 1790.

Tabulae X. Sect. II. *γ Pegasi.*

1770	Jan. 0	0h 1′ 25″,893	+13° 54′ 21″,08	1780	Jan. 1	0h 1′ 54″,647	+13° 57′ 29″,29
	Apr. 10	25,877	20,88		Apr. 10	54,688	29,64
	Jul. 19	25,852	20,63		Jul. 19	54,736	30,02
	Oct. 27	25,820	20,33		Oct. 27	54,791	30,45
	Dec. 66	25,777	19,98		Dec. 66	54,852	30,91
1771	Jan. 0	0 1 28,865	+13 54 40,14	1781	Jan. 0	0 1 57,906	+13 57 50,79
	Apr. 10	28,818	39,75		Apr. 10	57,972	51,28
	Jul. 19	28,763	39,32		Jul. 19	58,043	51,79
	Oct. 27	28,701	38,85		Oct. 27	58,119	52,33
	Dec. 66	28,631	38,35		Dec. 66	58,200	52,89
1772	Jan. 1	0 1 31,729	+13 54 58,55	1782	Jan. 0	0 2 1,247	+13 58 12,73
	Apr. 10	31,655	58,02		Apr. 10	1,331	13,31
	Jul. 19	31,576	57,46		Jul. 19	1,418	13,89
	Oct. 27	31,492	56,88		Oct. 27	1,507	14,49
	Dec. 66	31,403	56,27		Dec. 66	1,599	15,09
1773	Jan. 0	0 1 34,507	+13 55 16,51	1783	Jan. 0	0 2 4,643	+13 58 34,92
	Apr. 10	34,416	15,89		Apr. 10	4,736	35,53
	Jul. 19	34,322	15,27		Jul. 19	4,828	36,12
	Oct. 27	34,226	14,64		Oct. 27	4,921	36,71
	Dec. 66	34,128	14,01		Dec. 66	5,014	37,28
1774	Jan. 0	0 1 37,235	+13 55 34,26	1784	Jan. 1	0 2 8,058	+13 58 57,13
	Apr. 10	37,137	33,63		Apr. 10	8,150	57,70
	Jul. 19	37,040	33,01		Jul. 19	8,240	58,24
	Oct. 27	36,944	32,42		Oct. 27	8,327	58,76
	Dec. 66	36,849	31,84		Dec. 66	8,411	59,25
1775	Jan. 0	0 1 39,954	+13 55 52,06	1785	Jan. 0	0 2 11,458	+13 59 19,12
	Apr. 10	39,861	51,50		Apr. 10	11,540	19,59
	Jul. 19	39,772	50,97		Jul. 19	11,616	20,02
	Oct. 27	39,687	50,48		Oct. 27	11,688	20,42
	Dec. 66	39,607	50,02		Dec. 66	11,754	20,77
1776	Jan. 1	0 1 42,708	+13 56 10,20	1786	Jan. 0	0 2 14,807	+13 59 40,69
	Apr. 10	42,632	9,78		Apr. 10	14,869	41,01
	Jul. 19	42,562	9,40		Jul. 19	14,925	41,28
	Oct. 27	42,498	9,06		Oct. 27	14,972	41,51
	Dec. 66	42,439	8,76		Dec. 66	15,013	41,68
1777	Jan. 0	0 1 45,532	+13 56 28,89	1787	Jan. 0	0 2 18,076	+14 0 1,66
	Apr. 10	45,480	28,64		Apr. 10	18,111	1,79
	Jul. 19	45,436	28,44		Jul. 19	18,138	1,87
	Oct. 27	45,400	28,30		Oct. 27	18,156	1,89
	Dec. 66	45,373	28,22		Dec. 66	18,166	1,86
1778	Jan. 0	0 1 48,456	+13 56 48,28	1788	Jan. 1	0 2 21,239	+14 0 21,91
	Apr. 10	48,434	48,23		Apr. 10	21,243	21,84
	Jul. 19	48,421	48,24		Jul. 19	21,238	21,71
	Oct. 27	48,417	48,31		Oct. 27	21,224	21,53
	Dec. 66	48,422	48,44		Dec. 66	21,202	21,29
1779	Jan. 0	0 1 51,494	+13 57 8,42	1789	Jan. 0	0 2 24,286	+14 0 41,41
	Apr. 10	51,504	8,58		Apr. 10	24,257	41,13
	Jul. 19	51,523	8,79		Jul. 19	24,220	40,81
	Oct. 27	51,550	9,06		Oct. 27	24,175	40,43
	Dec. 66	51,585	9,37		Dec. 66	24,122	40,01

Tabulae X. Sect. II. γ *Pegasi.*

	1780		1780		Var. 10 annor.	
Jan. 0	−0″,165	−11,3	+ 3″,69	− 7,8	+3	+2
10	−0,277	−10,9	+ 2,86	− 8,9	+3	+2
20	−0,383	−10,1	+ 1,91	− 9,8	+3	+2
30	−0,479	− 8,8	+ 0,91	−10,2	+2	+2
Febr. 9	−0,559	− 7,0	− 0,13	−10,2	+2	+2
19	−0,618	− 4,6	− 1,13	− 9,6	+2	+2
Mart. 1	−0,651	− 1,8	− 2,05	− 8,5	+1	+2
11	−0,654	+ 1,6	− 2,83	− 6,9	0	+2
21	−0,620	+ 5,4	− 3,43	− 4,8	0	+1
31	−0,547	+ 9,4	− 3,79	− 2,2	−1	+1
Apr. 10	−0,433	+13,5	− 3,87	+ 0,7	−1	+1
20	−0,278	+17,6	− 3,66	+ 3,7	−2	0
30	−0,082	+21,5	− 3,13	+ 6,9	−2	0
Maj. 10	+0,151	+24,9	− 2,28	+10,0	−2	−1
20	+0,416	+27,8	− 1,13	+13,1	−2	−1
30	+0,707	+30,1	+ 0,31	+15,7	−2	−1
Jun. 9	+1,017	+31,5	+ 1,99	+17,8	−3	−2
19	+1,337	+32,1	+ 3,87	+19,6	−2	−2
29	+1,659	+31,9	+ 5,91	+20,9	−2	−2
Jul. 9	+1,975	+30,9	+ 8,04	+21,5	−2	−2
19	+2,276	+29,1	+10,21	+21,7	−2	−2
29	+2,556	+26,5	+12,38	+21,4	−2	−2
Aug. 8	+2,806	+23,4	+14,48	+20,5	−1	−2
18	+3,024	+20,0	+16,47	+19,2	−1	−2
28	+3,205	+16,2	+18,31	+17,6	0	−2
Sept. 7	+3,348	+12,4	+19,98	+15,7	0	−2
17	+3,452	+ 8,5	+21,44	+13,6	+1	−1
27	+3,518	+ 4,9	+22,69	+11,5	+1	−1
Oct. 7	+3,549	+ 1,5	+23,74	+ 9,1	+2	−1
17	+3,548	− 1,6	+24,51	+ 6,7	+2	0
27	+3,518	− 4,2	+25,08	+ 4,6	+3	0
Nov. 6	+3,465	− 6,4	+25,43	+ 2,5	+3	0
16	+3,391	− 8,2	+25,57	+ 0,4	+4	+1
26	+3,302	− 9,5	+25,50	− 1,7	+4	+1
Dec. 6	+3,202	−10,5	+25,24	− 3,5	+4	+1
16	+3,093	−11,1	+24,80	− 5,3	+4	+1
26	+2,981	−11,3	+24,19	− 6,9	+4	+2
36	+2,867	−11,4	+23,43	− 8,4	+4	+2

	A. R. med.	Decl. med.
1770	0h 1′ 24″,8607	+13° 54′ 14″,638
1771	1 27,9344	54 34,673
1772	1 31,0082	54 54,707
1773	1 34,0821	55 14,742
1774	1 37,1561	55 34,776
1775	1 40,2302	55 54,811
1776	1 43,3044	56 14,845
1777	1 46,3787	56 34,879
1778	1 49,4531	56 54,913
1779	1 52,5276	57 14,947
1780	1 55,6022	57 34,980
1781	1 58,6769	57 55,014
1782	2 1,7517	58 15,047
1783	2 4,8266	58 35,080
1784	2 7,9016	58 55,114
1785	2 10,9767	59 15,147
1786	2 14,0519	59 35,179
1787	2 17,1272	59 55,212
1788	2 20,2026	14 0 15,245
1789	2 23,2780	0 35,277
1790	2 26,3534	0 55,310

Diei reducto addendum est:

ante } Mart. 20 { + 1
post } Mart. 20 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Arietis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	1 54 16,448	+22 21 56,32	1780	Jan. 1	1 54 47,714	+22 24 43,56
	Apr. 10	16,435	55,79		Apr. 10	47,754	44,19
	Jul. 19	16,413	55,20		Jul. 19	47,802	44,82
	Oct. 27	16,381	54,59		Oct. 27	47,858	45,47
	Dec. 66	16,340	53,95		Dec. 66	47,922	46,14
1771	Jan. 0	1 54 19,701	+22 22 11,63	1781	Jan. 0	1 54 51,247	+22 25 3,36
	Apr. 10	19,653	10,98		Apr. 10	51,316	4,02
	Jul. 19	19,597	10,32		Jul. 19	51,390	4,67
	Oct. 27	19,533	9,64		Oct. 27	51,471	5,32
	Dec. 66	19,461	8,95		Dec. 66	51,557	5,97
1772	Jan. 1	1 54 22,832	+22 22 26,65	1782	Jan. 0	1 54 54,875	+22 25 23,19
	Apr. 10	22,755	25,97		Apr. 10	54,965	23,82
	Jul. 19	22,671	25,29		Jul. 19	55,058	24,42
	Oct. 27	22,582	24,63		Oct. 27	55,154	24,99
	Dec. 66	22,487	23,98		Dec. 66	55,253	25,54
1773	Jan. 0	1 54 25,866	+22 22 41,66	1783	Jan. 0	1 54 58,567	+22 25 42,80
	Apr. 10	25,768	41,03		Apr. 10	58,668	43,33
	Jul. 19	25,667	40,43		Jul. 19	58,769	43,81
	Oct. 27	25,463	39,86		Oct. 27	58,871	44,25
	Dec. 66	25,457	39,33		Dec. 66	58,973	44,65
1774	Jan. 0	1 54 28,838	+22 22 56,96	1784	Jan. 1	1 55 2,287	+22 26 1,96
	Apr. 10	28,731	56,46		Apr. 10	2,389	2,33
	Jul. 19	28,625	56,00		Jul. 19	2,488	2,65
	Oct. 27	28,519	55,60		Oct. 27	2,585	2,91
	Dec. 66	28,414	55,24		Dec. 66	2,679	3,12
1775	Jan. 0	1 54 31,795	+22 23 12,81	1785	Jan. 0	1 55 5,996	+22 26 20,49
	Apr. 10	31,692	12,50		Apr. 10	6,088	20,66
	Jul. 19	31,593	12,24		Jul. 19	6,174	20,78
	Oct. 27	31,498	12,04		Oct. 27	6,255	20,83
	Dec. 66	31,407	11,91		Dec. 66	6,331	20,83
1776	Jan. 1	1 54 34,783	+22 23 29,40	1786	Jan. 0	1 55 9,655	+22 26 38,27
	Apr. 10	34,697	29,31		Apr. 10	9,727	38,22
	Jul. 19	34,617	29,28		Jul. 19	9,791	38,12
	Oct. 27	34,544	29,32		Oct. 27	9,848	37,95
	Dec. 66	34,476	29,41		Dec. 66	9,897	37,73
1777	Jan. 0	1 54 37,844	+22 23 46,83	1787	Jan. 0	1 55 13,230	+22 26 55,24
	Apr. 10	37,783	46,97		Apr. 10	13,273	54,98
	Jul. 19	37,730	47,17		Jul. 19	13,307	54,66
	Oct. 27	37,687	47,42		Oct. 27	13,332	54,29
	Dec. 66	37,652	47,74		Dec. 66	13,348	53,87
1778	Jan. 0	1 54 41,010	+22 24 5,08	1788	Jan. 1	1 55 16,693	+22 27 11,44
	Apr. 10	40,981	5,43		Apr. 10	16,702	10,99
	Jul. 19	40,962	5,83		Jul. 19	16,702	10,49
	Oct. 27	40,953	6,28		Oct. 27	16,692	9,96
	Dec. 66	40,953	6,78		Dec. 66	16,672	9,38
1779	Jan. 0	1 54 44,299	+22 24 24,05	1789	Jan. 0	1 55 20,029	+22 27 27,00
	Apr. 10	44,305	24,57		Apr. 10	20,002	26,40
	Jul. 19	44,321	25,13		Jul. 19	19,966	25,78
	Oct. 27	44,346	25,71		Oct. 27	19,921	25,13
	Dec. 66	44,379	26,32		Dec. 66	19,868	24,46

Tabulae X. Sect. II. *α Arietis.*

	1780		1780		Var. 10 annor.	
Jan. 0	+0″,537	−10,6	+ 5″,88	− 2,4	+4	+1
10	+0,421	−12,4	+ 5,55	− 4,1	+4	+1
20	+0,289	−13,8	+ 5,06	− 5,7	+4	+1
30	+0,145	−14,6	+ 4,42	− 7,1	+4	+2
Febr. 9	−0,002	−14,5	+ 3,64	− 8,3	+3	+2
19	−0,145	−13,7	+ 2,77	− 9,0	+3	+2
Mart. 1	−0,275	−12,0	+ 1,85	− 9,3	+3	+2
11	−0,384	− 9,4	+ 0,92	− 9,2	+2	+2
21	−0,462	− 6,0	+ 0,02	− 8,5	+2	+2
31	−0,503	− 2,0	− 0,78	− 7,3	+1	+2
Apr. 10	−0,501	+ 2,6	− 1,43	− 5,6	0	+2
20	−0,452	+ 7,4	− 1,89	− 3,5	0	+1
30	−0,354	+12,2	− 2,13	− 1,1	−1	+1
Maj. 10	−0,208	+16,9	− 2,10	+ 1,4	−1	0
20	−0,016	+21,3	− 1,80	+ 4,4	−1	0
30	+0,218	+25,2	− 1,22	+ 7,2	−2	−1
Jun. 9	+0,488	+23,4	− 0,36	+ 9,9	−2	−1
19	+0,786	+30,8	+ 0,75	+12,3	−2	−2
29	+1,104	+32,5	+ 2,09	+14,4	−2	−2
Jul. 9	+1,435	+33,3	+ 3,62	+16,0	−2	−2
19	+1,769	+33,2	+ 5,29	+17,3	−2	−3
29	+2,098	+32,3	+ 7,07	+18,1	−2	−3
Aug. 8	+2,415	+30,9	+ 8,91	+18,4	−2	−4
18	+2,715	+28,8	+10,75	+18,3	−2	−4
28	+2,991	+26,3	+12,57	+17,8	−1	−4
Sept. 7	+3,240	+23,4	+14,30	+16,9	−1	−4
17	+3,459	+20,3	+15,94	+15,7	0	−4
27	+3,646	+17,2	+17,44	+14,3	0	−4
Oct. 7	+3,802	+14,0	+18,79	+12,8	+1	−4
17	+3,926	+10,8	+19,99	+11,1	+2	−4
27	+4,017	+ 7,6	+21,01	+ 9,4	+2	−4
Nov. 6	+4,078	+ 4,6	+21,86	+ 7,6	+3	−4
16	+4,108	+ 1,6	+22,53	+ 5,8	+4	−3
26	+4,110	− 1,4	+23,02	+ 4,1	+4	−3
Dec. 6	+4,081	− 4,2	+23,34	+ 2,3	+5	−3
16	+4,027	− 6,7	+23,48	+ 0,5	+5	−2
26	+3,947	− 9,2	+23,44	− 1,3	+5	−2
36	+3,843	−11,4	+23,22	− 3,0	+6	−2

	A. R. med.	Decl. med.
1770	1ʰ 54′ 15″,3130	+22° 21′ 51″,835
1771	54 18,6586	22 9,304
1772	54 22,0044	22 26,770
1773	54 25,3504	22 44,233
1774	54 28,6966	23 1,695
1775	54 32,0430	23 19,154
1776	54 35,3896	23 36,610
1777	54 38,7364	23 54,064
1778	54 42,0834	24 11,516
1779	54 45,4306	24 28,965
1780	54 48,7780	24 46,412
1781	54 52,1256	25 3,857
1782	54 55,4734	25 21,299
1783	54 58,8214	25 38,738
1784	55 2,1696	25 56,176
1785	55 5,5180	26 13,611
1786	55 8,8666	26 31,043
1787	55 12,2154	26 48,473
1788	55 15,5644	27 5,901
1789	55 18,9136	27 23,326
1790	55 22,2630	27 40,749

Diei reducto addendum est:

ante } Apr. 20 { + 1
post } Apr. 20 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Ceti.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	2 50 17,798	+ 3 10 32,27	1780	Jan. 1	2 50 47,061	+ 3 12 54,37
	Apr. 10	17,770	31,59		Apr. 10	47,112	55,08
	Jul. 19	17,734	30,89		Jul. 19	47,170	55,79
	Oct. 27	17,690	30,18		Oct. 27	47,234	56,50
	Dec. 66	17,637	29,45		Dec. 66	47,304	57,21
1771	Jan. 0	2 50 20,774	+ 3 10 44,35	1781	Jan. 0	2 50 50,398	+ 3 13 11,59
	Apr. 10	20,716	43,62		Apr. 10	50,472	12,28
	Jul. 19	20,652	42,89		Jul. 19	50,551	12,94
	Oct. 27	20,581	42,17		Oct. 27	50,633	13,59
	Dec. 66	20,503	41,46		Dec. 66	50,720	14,21
1772	Jan. 1	2 50 23,648	+ 3 10 56,34	1782	Jan. 0	2 50 53,809	+ 3 13 28,61
	Apr. 10	23,566	55,64		Apr. 10	53,898	29,21
	Jul. 19	23,481	54,97		Jul. 19	53,989	29,77
	Oct. 27	23,391	54,33		Oct. 27	54,081	30,28
	Dec. 66	23,297	53,72		Dec. 66	54,175	30,75
1773	Jan. 0	2 50 26,447	+ 3 11 8,56	1783	Jan. 0	2 50 57,262	+ 3 13 45,21
	Apr. 10	26,351	7,98		Apr. 10	57,357	45,65
	Jul. 19	26,254	7,44		Jul. 19	57,450	46,03
	Oct. 27	26,156	6,92		Oct. 27	57,542	46,36
	Dec. 66	26,058	6,44		Dec. 66	57,633	46,63
1774	Jan. 0	2 50 29,209	+ 3 11 21,22	1784	Jan. 1	2 51 0,722	+ 3 14 1,15
	Apr. 10	29,111	20,87		Apr. 10	0,812	1,38
	Jul. 19	29,015	20,57		Jul. 19	0,898	1,55
	Oct. 27	28,921	20,31		Oct. 27	0,980	1,66
	Dec. 66	28,829	20,09		Dec. 66	1,059	1,71
1775	Jan. 0	2 50 31,977	+ 3 11 34,78	1785	Jan. 0	2 51 4,153	+ 3 14 16,31
	Apr. 10	31,888	34,62		Apr. 10	4,228	16,32
	Jul. 19	31,804	34,53		Jul. 19	4,298	16,25
	Oct. 27	31,725	34,51		Oct. 27	4,362	16,11
	Dec. 66	31,651	34,54		Dec. 66	4,420	15,90
1776	Jan. 1	2 50 34,793	+ 3 11 49,15	1786	Jan. 0	2 51 7,521	+ 3 14 30,57
	Apr. 10	34,726	49,24		Apr. 10	7,574	30,36
	Jul. 19	34,663	49,40		Jul. 19	7,619	30,09
	Oct. 27	34,608	49,62		Oct. 27	7,657	29,75
	Dec. 66	34,559	49,90		Dec. 66	7,688	29,34
1777	Jan. 0	2 50 37,692	+ 3 12 4,43	1787	Jan. 0	2 51 10,798	+ 3 14 44,07
	Apr. 10	37,650	4,76		Apr. 10	10,822	43,63
	Jul. 19	37,617	5,14		Jul. 19	10,838	43,14
	Oct. 27	37,592	5,58		Oct. 27	10,845	42,60
	Dec. 66	37,576	6,07		Dec. 66	10,844	42,02
1778	Jan. 0	2 50 40,699	+ 3 12 20,53	1788	Jan. 1	2 51 13,965	+ 3 14 56,82
	Apr. 10	40,689	21,05		Apr. 10	13,957	56,21
	Jul. 19	40,687	21,61		Jul. 19	13,941	55,57
	Oct. 27	40,694	22,21		Oct. 27	13,915	54,90
	Dec. 66	40,710	22,85		Dec. 66	13,881	54,20
1779	Jan. 0	2 50 43,823	+ 3 12 37,26	1789	Jan. 0	2 51 17,013	+ 3 15 9,03
	Apr. 10	43,845	37,92		Apr. 10	16,973	8,32
	Jul. 19	43,875	38,59		Jul. 19	16,926	7,60
	Oct. 27	43,913	39,28		Oct. 27	16,871	6,87
	Dec. 66	43,959	39,99		Dec. 66	16,808	6,14

Tabulae X. Sect. II. *α Ceti.*

	1780		1780		Var. 10 annor.	
Jan. 0	+0,779″	− 7,3	− 0,64″	− 7,3	+3	+1
10	+0,693	− 9,9	− 1,35	− 6,8	+3	+1
20	+0,582	−12,0	− 2,00	− 6,2	+3	+1
30	+0,453	−13,6	− 2,58	− 5,3	+3	+1
Febr. 9	+0,310	−14,6	− 3,06	− 4,3	+3	+1
19	+0,161	−14,8	− 3,44	− 3,2	+3	+1
Mart. 1	+0,014	−14,1	− 3,70	− 1,9	+3	+1
11	−0,121	−12,5	− 3,82	− 0,4	+2	+1
21	−0,236	−10,1	− 3,78	+ 1,2	+2	+1
31	−0,322	− 6,9	− 3,58	+ 3,0	+2	0
Apr. 10	−0,374	− 3,2	− 3,18	+ 5,0	+1	0
20	−0,385	+ 1,2	− 2,58	+ 7,1	+1	0
30	−0,351	+ 5,7	− 1,77	+ 9,1	0	−1
Maj. 10	−0,272	+10,2	− 0,76	+11,2	0	−1
20	−0,147	+14,7	+ 0,46	+13,1	−1	−1
30	+0,021	+18,8	+ 1,86	+14,8	−1	−2
Jun. 9	+0,228	+22,4	+ 3,41	+16,2	−1	−2
19	+0,469	+25,4	+ 5,09	+17,2	−2	−2
29	+0,736	+27,8	+ 6,85	+17,8	−2	−3
Jul. 9	+1,025	+29,5	+ 8,64	+17,8	−2	−3
19	+1,325	+30,3	+10,41	+17,4	−2	−3
29	+1,631	+30,6	+12,11	+16,4	−2	−3
Aug. 8	+1,937	+30,0	+13,69	+15,0	−2	−3
18	+2,231	+28,9	+15,10	+13,2	−2	−3
28	+2,514	+27,4	+16,32	+11,0	−2	−3
Sept. 7	+2,778	+25,4	+17,29	+ 8,5	−2	−3
17	+3,021	+23,1	+18,02	+ 6,0	−1	−3
27	+3,240	+20,6	+18,48	+ 3,4	−1	−3
Oct. 7	+3,433	+17,9	+18,69	+ 0,9	−1	−3
17	+3,598	+15,1	+18,65	− 1,4	0	−3
27	+3,735	+12,3	+18,41	− 3,4	0	−3
Nov. 6	+3,843	+ 9,4	+17,97	− 5,1	+1	−3
16	+3,922	+ 6,5	+17,40	− 6,3	+2	−3
26	+3,972	+ 3,5	+16,72	− 7,1	+2	−3
Dec. 6	+3,991	+ 0,4	+15,98	− 7,6	+3	−2
16	+3,980	− 2,7	+15,21	− 7,7	+3	−2
26	+3,938	− 5,6	+14,44	− 7,6	+3	−2
36	+3,869	− 8,3	+13,70	− 7,2	+4	−2

	A. R. med.	Decl. med.
1770	2ʰ 50′ 16″,7837	+ 3° 10′ 29″,186
1771	50 19,9016	10 43,833
1772	50 23,0196	10 58,477
1773	50 26,1377	11 13,118
1774	50 29,2559	11 27,756
1775	50 32,3742	11 42,390
1776	50 35,4926	11 57,021
1777	50 38,6111	12 11,649
1778	50 41,7297	12 26,274
1779	50 44,8484	12 40,896
1780	50 47,9672	12 55,515
1781	50 51,0861	13 10,131
1782	50 54,2051	13 24,743
1783	50 57,3242	13 39,352
1784	51 0,4434	13 53,958
1785	51 3,5626	14 8,561
1786	51 6,6820	14 23,161
1787	51 9,8015	14 37,757
1788	51 12,9211	14 52,351
1789	51 16,0408	15 6,941
1790	51 19,1604	15 21,528

Diei reducto addendum est:

ante } Maj. 5 { + 1
post } Maj. 5 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Tauri.*

1770	Jan. 0	4h 22′ 45″,914	+ 16° 1′ 39″,01	1780	Jan. 1	4h 23′ 18″,019	+ 16° 3′ 1″,00
	Apr. 10	45,888	38,21		Apr. 10	18,072	1,77
	Jul. 19	45,852	37,41		Jul. 19	18,132	2,51
	Oct. 27	45,807	36,62		Oct. 27	18,199	3,21
	Dec. 66	45,753	35,84		Dec. 66	18,274	3,89
1771	Jan. 0	4 22 49,196	+ 16 1 44,18	1781	Jan. 0	4 23 21,673	+ 16 3 11,70
	Apr. 10	49,136	43,42		Apr. 10	21,752	12,35
	Jul. 19	49,069	42,69		Jul. 19	21,835	12,96
	Oct. 27	48,995	41,99		Oct. 27	21,924	13,51
	Dec. 66	48,911	41,33		Dec. 66	22,017	14,02
1772	Jan. 1	4 22 52,363	+ 16 1 49,62	1782	Jan. 0	4 23 25,411	+ 16 3 21,89
	Apr. 10	52,276	48,99		Apr. 10	25,507	22,36
	Jul. 19	52,184	48,41		Jul. 19	25,605	22,77
	Oct. 27	52,087	47,88		Oct. 27	25,705	23,11
	Dec. 66	51,986	47,41		Dec. 66	25,808	23,40
1773	Jan. 0	4 22 55,445	+ 16 1 55,63	1783	Jan. 0	4 23 29,199	+ 16 3 31,34
	Apr. 10	55,341	55,21		Apr. 10	29,302	31,58
	Jul. 19	55,235	54,85		Jul. 19	29,405	31,75
	Oct. 27	55,128	54,56		Oct. 27	29,507	31,85
	Dec. 66	55,020	54,34		Dec. 66	29,608	31,88
1774	Jan. 0	4 22 58,480	+ 16 2 2,48	1784	Jan. 1	4 23 32,999	+ 16 3 39,90
	Apr. 10	58,372	2,31		Apr. 10	33,099	39,89
	Jul. 19	58,266	2,21		Jul. 19	33,195	39,80
	Oct. 27	58,161	2,19		Oct. 27	33,287	39,65
	Dec. 66	58,059	2,25		Dec. 66	33,376	39,42
1775	Jan. 0	4 23 1,517	+ 16 2 10,29	1785	Jan. 0	4 23 36,772	+ 16 3 47,52
	Apr. 10	1,417	10,40		Apr. 10	36,858	47,25
	Jul. 19	1,323	10,58		Jul. 19	36,937	46,92
	Oct. 27	1,234	10,83		Oct. 27	37,008	46,52
	Dec. 66	1,150	11,16		Dec. 66	37,073	46,06
1776	Jan. 1	4 23 4,602	+ 16 2 19,11	1786	Jan. 0	4 23 40,480	+ 16 3 54,24
	Apr. 10	4,523	19,48		Apr. 10	40,542	53,74
	Jul. 19	4,451	19,91		Jul. 19	40,596	53,19
	Oct. 27	4,388	20,41		Oct. 27	40,641	52,59
	Dec. 66	4,332	20,96		Dec. 66	40,678	51,94
1777	Jan. 0	4 23 7,774	+ 16 2 28,83	1787	Jan. 0	4 23 44,092	+ 16 4 0,17
	Apr. 10	7,724	29,42		Apr. 10	44,123	3 59,49
	Jul. 19	7,683	30,05		Jul. 19	44,144	58,78
	Oct. 27	7,652	30,72		Oct. 27	44,156	58,05
	Dec. 66	7,630	31,44		Dec. 66	44,158	57,28
1778	Jan. 0	4 23 11,061	+ 16 2 39,25	1788	Jan. 1	4 23 47,584	+ 16 4 5,54
	Apr. 10	11,045	39,99		Apr. 10	47,579	4,76
	Jul. 19	11,040	40,74		Jul. 19	47,565	3,97
	Oct. 27	11,044	41,51		Oct. 27	47,541	3,17
	Dec. 66	11,058	42,30		Dec. 66	47,508	2,37
1779	Jan. 0	4 23 14,477	+ 16 2 50,08	1789	Jan. 0	4 23 50,946	+ 16 4 10,64
	Apr. 10	14,497	50,87		Apr. 10	50,906	9,84
	Jul. 19	14,526	51,66		Jul. 19	50,858	9,06
	Oct. 27	14,564	52,44		Oct. 27	50,800	8,30
	Dec. 66	14,611	53,21		Dec. 66	50,734	7,55

Tabulae X. Sect. II. *α Tauri.*

	1780		1780		Var. 10 annor.	
Jan. 0	+1,206″	— 0,6	+ 1,32″	— 2,5	+2	—1
10	+1,180	— 4,7	+ 1,07	— 2,6	+2	—1
20	+1,113	— 8,5	+ 0,81	— 2,6	+3	—1
30	+1,011	—11,6	+ 0,56	— 2,6	+3	0
Febr. 9	+0,878	—14,5	+ 0,30	— 2,7	+3	0
19	+0,721	—16,3	+ 0,03	— 2,8	+3	0
Mart. 1	+0,552	—17,2	— 0,25	— 2,8	+4	0
11	+0,378	—17,0	— 0,53	— 2,7	+3	0
21	+0,212	—15,8	— 0,79	— 2,5	+3	0
31	+0,063	—13,6	— 1,02	— 2,1	+3	0
Apr. 10	—0,059	—10,4	— 1,20	— 1,5	+3	0
20	—0,145	— 6,6	— 1,31	— 0,6	+2	0
30	—0,191	— 2,3	— 1,31	+ 0,6	+2	0
Maj. 10	—0,191	+ 2,4	— 1,19	+ 1,9	+1	0
20	—0,144	+ 7,1	— 0,93	+ 3,3	+1	0
30	—0,049	+11,7	— 0,53	+ 4,8	0	0
Jun. 9	+0,090	+16,0	+ 0,02	+ 6,3	0	—1
19	+0,271	+19,9	+ 0,72	+ 7,6	—1	—1
29	+0,488	+23,2	+ 1,54	+ 8,7	—1	—1
Jul. 9	+0,735	+26,0	+ 2,46	+ 9,6	—2	—2
19	+1,008	+28,1	+ 3,46	+10,2	—2	—2
29	+1,297	+29,6	+ 4,50	+10,4	—2	—3
Aug. 8	+1,599	+30,5	+ 5,54	+10,3	—2	—3
18	+1,906	+30,8	+ 6,55	+ 9,8	—2	—3
28	+2,214	+30,6	+ 7,49	+ 8,9	—2	—4
Sept. 7	+2,518	+30,0	+ 8,32	+ 7,7	—2	—4
17	+2,813	+29,0	+ 9,03	+ 6,4	—2	—4
27	+3,097	+27,7	+ 9,59	+ 4,9	—2	—5
Oct. 7	+3,366	+26,1	+10,01	+ 3,5	—2	—5
17	+3,618	+24,2	+10,28	+ 2,0	—1	—5
27	+3,849	+22,0	+10,41	+ 0,8	— 1	—5
Nov. 6	+4,057	+19,5	+10,43	— 0,3	0	—5
16	+4,238	+16,6	+10,35	— 1,2	0	—5
26	+4,389	+13,4	+10,19	— 1,8	+1	—6
Dec. 6	+4,506	+ 9,9	+ 9,99	— 2,2	+2	—6
16	+4,586	+ 6,1	+ 9,76	— 2,4	+2	—6
26	+4,627	+ 2,0	+ 9,51	— 2,5	+3	—5
36	+4,626	— 2,1	+ 9,26	— 2,5	+3	—5

	A. R. med.	Decl. med.
1770	4h 22′ 44″,7909	+16° 1′ 38″,601
1771	22 48,2148	1 46,684
1772	22 51,6388	1 54,763
1773	22 55,0629	2 2,837
1774	22 58,4871	2 10,907
1775	23 1,9113	2 18,972
1776	23 5,3357	2 27,033
1777	23 8,7602	2 35,089
1778	23 12,1848	2 43,140
1779	23 15,6095	2 51,187
1780	23 19,0344	2 59,229
1781	23 22,4593	3 7,267
1782	23 25,8844	3 15,300
1783	23 29,3096	3 23,328
1784	23 32,7349	3 31,352
1785	23 36,1602	3 39,371
1786	23 39,5857	3 47,386
1787	23 43,0113	3 55,396
1788	23 46,4370	4 3,402
1789	23 49,8628	4 11,403
1790	23 53,2888	4 19,399

Diei reducto addendum est:

ante } Maj. 28 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Aurigae.*

1770	Jan. 0	4h 59′ 45″,496	+45° 44′ 16″,65	1780	Jan. 1	5h 0′ 26″,745	+45° 45′ 7″,85
	Apr. 10	45,468	15,84		Apr. 10	26,807	8,60
	Jul. 19	45,428	15,04		Jul. 19	26,879	9,31
	Oct. 27	45,376	14,26		Oct. 27	26,961	9,98
	Dec. 66	45,312	13,49		Dec. 66	27,053	10,62
1771	Jan. 0	4 59 49,739	+45 44 18,53	1781	Jan. 0	5 0 31,427	+45 45 15,14
	Apr. 10	49,667	17,79		Apr. 10	31,525	15,74
	Jul. 19	49,585	17,09		Jul. 19	31,629	16,29
	Oct. 27	49,493	16,43		Oct. 27	31,740	16,78
	Dec. 66	49,390	15,81		Dec. 66	31,857	17,22
1772	Jan. 1	4 59 53,850	+45 44 20,79	1782	Jan. 0	5 0 36,223	+45 45 21,80
	Apr. 10	53,721	20,22		Apr. 10	36,345	22,20
	Jul. 19	53,606	19,70		Jul. 19	36,470	22,53
	Oct. 27	53,484	19,23		Oct. 27	36,598	22,79
	Dec. 66	53,356	18,85		Dec. 66	36,729	22,98
1773	Jan. 0	4 59 57,804	+45 44 23,75	1783	Jan. 0	5 0 41,091	+45 45 27,64
	Apr. 10	57,672	23,41		Apr. 10	41,224	27,79
	Jul. 19	57,537	23,14		Jul. 19	41,356	27,86
	Oct. 27	57,400	22,94		Oct. 27	41,488	27,87
	Dec. 66	57,260	22,82		Dec. 66	41,620	27,80
1774	Jan. 0	5 0 1,712	+45 44 27,62	1784	Jan. 1	5 0 45,982	+45 45 32,53
	Apr. 10	1,572	27,55		Apr. 10	46,112	32,42
	Jul. 19	1,434	27,56		Jul. 19	46,238	32,23
	Oct. 27	1,298	27,65		Oct. 27	46,361	31,97
	Dec. 66	1,165	27,81		Dec. 66	46,479	31,64
1775	Jan. 0	5 0 5,614	+45 44 32,51	1785	Jan. 0	5 0 50,845	+45 45 36,46
	Apr. 10	5,483	32,73		Apr. 10	50,958	36,09
	Jul. 19	5,358	33,02		Jul. 19	51,064	35,66
	Oct. 27	5,240	33,37		Oct. 27	51,162	35,17
	Dec. 66	5,128	33,80		Dec. 66	51,253	34,62
1776	Jan. 1	5 0 9,569	+45 44 38,41	1786	Jan. 0	5 0 55,630	+45 45 39,50
	Apr. 10	9,463	38,88		Apr. 10	55,715	38,91
	Jul. 19	9,366	39,41		Jul. 19	55,789	38,28
	Oct. 27	9,279	39,99		Oct. 27	55,853	37,61
	Dec. 66	9,201	40,63		Dec. 66	55,906	36,89
1777	Jan. 0	5 0 13,631	+45 44 45,16	1787	Jan. 0	5 1 0,296	+45 45 41,82
	Apr. 10	13,561	45,83		Apr. 10	0,342	41,08
	Jul. 19	13,503	46,54		Jul. 19	0,375	40,31
	Oct. 27	13,457	47,28		Oct. 27	0,397	39,52
	Dec. 66	13,423	48,05		Dec. 66	0,406	38,71
1778	Jan. 0	5 0 17,838	+45 44 52,54	1788	Jan. 1	5 1 4,811	+45 45 43,67
	Apr. 10	17,812	53,32		Apr. 10	4,811	42,85
	Jul. 19	17,798	54,12		Jul. 19	4,799	42,04
	Oct. 27	17,797	54,93		Oct. 27	4,775	41,23
	Dec. 66	17,809	55,75		Dec. 66	4,738	40,42
1779	Jan. 0	5 0 22,209	+45 45 0,21	1789	Jan. 0	5 1 9,159	+45 45 45,36
	Apr. 10	22,229	1,02		Apr. 10	9,113	44,56
	Jul. 19	22,260	1,82		Jul. 19	9,056	43,79
	Oct. 27	22,304	2,61		Oct. 27	8,987	43,05
	Dec. 66	22,359	3,38		Dec. 66	8,906	42,33

Tabulae X. Sect. II. *α Aurigae.*

	1780		1780		Var. 10 annor.	
Jan. 0	+1,811″	+ 2,4	+4,37″	+13,9	+3	— 4
10	+1,804	— 3,7	+5,71	+12,7	+4	— 4
20	+1,737	— 9,6	+6,91	+11,0	+5	— 4
30	+1,613	—15,9	+7,91	+ 8,9	+5	— 3
Febr. 9	+1,440	—19,3	+8,68	+ 6,3	+6	— 3
19	+1,228	—22,5	+9,16	+ 3,4	+6	— 2
Mart. 1	+0,990	—24,5	+9,35	+ 0,4	+6	— 1
11	+0,739	—25,0	+9,24	— 2,7	+6	0
21	+0,490	—24,1	+8,82	— 5,6	+6	0
31	+0,258	—21,7	+8,13	— 8,2	+6	+ 1
Apr. 10	+0,056	—18,1	+7,19	—10,4	+5	+ 1
20	—0,104	—13,5	+6,06	—12,0	+4	+ 2
30	—0,213	— 8,0	+4,79	—13,2	+4	+ 2
Maj. 10	—0,264	— 2,1	+3,43	—13,7	+3	+ 2
20	—0,254	+ 4,2	+2,05	—13,7	+2	+ 2
30	—0,181	+10,4	+0,70	—13,1	+1	+ 2
Jun. 9	—0,047	+16,3	—0,57	—12,2	0	+ 2
19	+0,144	+21,7	—1,73	—10,7	—1	+ 2
29	+0,387	+26,6	—2,71	— 9,0	—2	+ 1
Jul. 9	+0,676	+30,9	—3,53	— 7,2	—2	0
19	+1,004	+34,3	—4,15	— 5,2	—3	0
29	+1,362	+37,0	—4,56	— 3,1	—3	— 1
Aug. 8	+1,744	+39,0	—4,77	— 1,1	—4	— 2
18	+2,142	+40,3	—4,78	+ 0,9	—4	— 3
28	+2,549	+40,9	—4,59	+ 2,8	—4	— 4
Sept. 7	+2,959	+41,0	—4,23	+ 4,5	—4	— 5
17	+3,368	+40,5	—3,70	+ 6,1	—4	— 5
27	+3,769	+39,6	—3,01	+ 7,6	—4	— 6
Oct. 7	+4,159	+38,2	—2,18	+ 9,0	—3	— 7
17	+4,532	+36,2	—1,21	+10,3	—3	— 8
27	+4,882	+33,7	—0,12	+11,6	—2	— 9
Nov. 6	+5,206	+30,7	+1,10	+12,7	—1	— 9
16	+5,495	+26,9	+2,41	+13,6	0	—10
26	+5,744	+22,6	+3,81	+14,3	+1	—10
Dec. 6	+5,947	+17,7	+5,26	+14,7	+2	—11
16	+6,097	+12,1	+6,74	+14,8	+3	—11
26	+6,189	+ 6,2	+8,21	+14,4	+4	—11
36	+6,221	+ 0,1	+9,62	+13,5	+5	—10

	A. R. med.	Decl. med.
1770	4ʰ 59′ 44″,0346	+45° 44′ 17″,360
1771	59 48,4385	44 22,148
1772	59 52,8426	44 26,929
1773	59 57,2469	44 31,704
1774	5 0 1,6514	44 36,473
1775	0 6,0560	44 41,236
1776	0 10,4608	44 45,992
1777	0 14,8658	44 50,743
1778	0 19,2710	44 55,487
1779	0 23,6764	45 0,224
1780	0 28,0820	45 4,956
1781	0 32,4878	45 9,681
1782	0 36,8937	45 14,401
1783	0 41,2998	45 19,114
1784	0 45,7061	45 23,820
1785	0 50,1126	45 28,521
1786	0 54,5193	45 33,215
1787	0 58,9262	45 37,903
1788	1 3,3332	45 42,585
1789	1 7,7404	45 47,261
1790	1 12,1478	45 51,930

Diei reducto addendum est:

ante } Jun. 6 { + 1
post } Jun. 6 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Orionis.*

		h ′ ″	° ′ ″
1770	Jan. 0	5 3 30,500	— 8 29 3,26
	Apr. 10	30,471	4,08
	Jul. 19	30,434	4,87
	Oct. 27	30,390	5,65
	Dec. 66	30,338	6,41
1771	Jan. 0	5 3 33,232	— 8 29 1,29
	Apr. 10	33,176	2,03
	Jul. 19	33,113	2,73
	Oct. 27	33,045	3,38
	Dec. 66	32,971	3,99
1772	Jan. 1	5 3 35,872	— 8 28 58,93
	Apr. 10	35,795	59,50
	Jul. 19	35,714	29 0,01
	Oct. 27	35,625	0,46
	Dec. 66	35,542	0,85
1773	Jan. 0	5 3 38,448	— 8 28 55,87
	Apr. 10	38,359	56,20
	Jul. 19	38,269	56,47
	Oct. 27	38,179	56,66
	Dec. 66	38,088	56,79
1774	Jan. 0	5 3 40,995	— 8 28 51,91
	Apr. 10	40,904	51,95
	Jul. 19	40,816	51,92
	Oct. 27	40,731	51,82
	Dec. 66	40,648	51,65
1775	Jan. 0	5 3 43,552	— 8 28 46,87
	Apr. 10	43,471	46,64
	Jul. 19	43,396	46,34
	Oct. 27	43,325	45,98
	Dec. 66	43,260	45,54
1776	Jan. 1	5 3 46,157	— 8 28 40,85
	Apr. 10	46,096	40,36
	Jul. 19	46,042	39,82
	Oct. 27	45,996	39,23
	Dec. 66	45,958	38,59
1777	Jan. 0	5 3 48,847	— 8 28 33,97
	Apr. 10	48,810	33,29
	Jul. 19	48,781	32,58
	Oct. 27	48,762	31,84
	Dec. 66	48,752	31,06
1778	Jan. 0	5 3 51,631	— 8 28 26,49
	Apr. 10	51,625	25,70
	Jul. 19	51,628	24,90
	Oct. 27	51,639	24,09
	Dec. 66	51,658	23,27
1779	Jan. 0	5 3 54,527	— 8 28 18,71
	Apr. 10	54,551	17,90
	Jul. 19	54,583	17,10
	Oct. 27	54,621	16,32
	Dec. 66	54,667	15,55
1780	Jan. 1	5 3 57,528	— 8 28 10,97
	Apr. 10	57,578	10,23
	Jul. 19	57,634	9,52
	Oct. 27	57,696	8,85
	Dec. 66	57,764	8,22
1781	Jan. 0	5 4 0,617	— 8 28 3,60
	Apr. 10	0,688	3,00
	Jul. 19	0,762	2,46
	Oct. 27	0,840	1,97
	Dec. 66	0,921	1,54
1782	Jan. 0	5 4 3,771	— 8 27 56,86
	Apr. 10	3,854	56,47
	Jul. 19	3,938	56,15
	Oct. 27	4,024	55,90
	Dec. 66	4,111	55,71
1783	Jan. 0	5 4 6,958	— 8 27 50,95
	Apr. 10	7,045	50,81
	Jul. 19	7,130	50,74
	Oct. 27	7,215	50,75
	Dec. 66	7,298	50,83
1784	Jan. 1	5 4 10,147	— 8 27 45,98
	Apr. 10	10,228	46,11
	Jul. 19	10,306	46,31
	Oct. 27	10,380	46,57
	Dec. 66	10,450	46,91
1785	Jan. 0	5 4 13,304	— 8 27 41,98
	Apr. 10	13,371	42,36
	Jul. 19	13,433	42,80
	Oct. 27	13,489	43,30
	Dec. 66	13,539	43,86
1786	Jan. 0	5 4 16,400	— 8 27 38,86
	Apr. 10	16,446	39,45
	Jul. 19	16,484	40,09
	Oct. 27	16,515	40,77
	Dec. 66	16,539	41,50
1787	Jan. 0	5 4 19,409	— 8 27 36,46
	Apr. 10	19,428	37,20
	Jul. 19	19,438	37,97
	Oct. 27	19,441	38,76
	Dec. 66	19,435	39,57
1788	Jan. 1	5 4 22,315	— 8 27 34,51
	Apr. 10	22,303	35,33
	Jul. 19	22,284	36,14
	Oct. 27	22,257	36,95
	Dec. 66	22,222	37,76
1789	Jan. 0	5 4 25 111	— 8 27 32,70
	Apr. 10	25,071	33,50
	Jul. 19	25,024	34,27
	Oct. 27	24,969	35,01
	Dec. 66	24,908	35,72

Tabulae X. Sect. II. *β Orionis.*

	1780		1780		Var. 10 annor.	
	″		″			
Jan. 0	+1,276	+ 1,3	— 2,95	—15,9	+1	+1
10	+1,267	— 3,0	— 4,48	—14,4	+2	+1
20	+1,217	— 7,0	— 5,83	—12,4	+2	+1
30	+1,128	—10,7	— 6,96	—10,2	+2	0
Febr. 9	+1,004	—13,8	— 7,87	— 7,9	+3	0
19	+0,853	—16,1	— 8,53	— 5,4	+3	0
Mart. 1	+0,683	—17,5	— 8,95	— 2,9	+3	0
11	+0,503	—18,0	— 9,11	— 0,4	+3	0
21	+0,323	—17,5	— 9,03	+ 2,1	+3	—1
31	+0,153	—16,0	— 8,69	+ 4,6	+3	—1
Apr. 10	+0,003	—13,6	— 8,11	+ 7,0	+2	—1
20	—0,119	—10,5	— 7,29	+ 9,4	+2	—1
30	—0,207	— 6,8	— 6,24	+11,6	+2	—1
Maj. 10	—0,255	— 2,7	— 4,97	+13,7	+1	—2
20	—0,260	+ 1,7	— 3,50	+15,6	+1	—2
30	—0,222	+ 6,0	— 1,86	+17,2	+1	—2
Jun. 9	—0,140	+10,2	— 0,07	+18,4	0	—2
19	—0,018	+14,2	+ 1,82	+19,2	0	—3
29	+0,143	+17,8	+ 3,76	+19,5	—1	—3
Jul. 9	+0,337	+20,9	+ 5,71	+19,2	—1	—3
19	+0,560	+23,4	+ 7,60	+18,4	—1	—3
29	+0,805	+25,5	+ 9,38	+17,0	—2	—3
Aug. 8	+1,069	+27,1	+10,99	+14,9	—2	—3
18	+1,346	+28,0	+12,36	+12,4	—2	—3
28	+1,628	+28,5	+13,46	+ 9,4	—2	—3
Sept. 7	+1,915	+28,6	+14,23	+ 5,9	—2	—3
17	+2,200	+28,3	+14,64	+ 2,3	—2	—3
27	+2,480	+27,6	+14,68	— 1,5	—2	—3
Oct. 7	+2,751	+26,5	+14,35	— 5,2	—2	—3
17	+3,009	+25,0	+13,65	— 8,6	—2	—3
27	+3,251	+23,2	+12,64	—11,6	—1	—3
Nov. 6	+3,473	+21,0	+11,34	—14,1	—1	—3
16	+3,671	+18,4	+ 9,82	—16,0	—1	—3
26	+3,840	+15,3	+ 8,15	—17,2	0	—3
Dec. 6	+3,977	+11,8	+ 6,39	—17,7	0	—3
16	+4,076	+ 8,0	+ 4,62	—17,5	+1	—3
26	+4,136	+ 3,9	+ 2,89	—16,7	+1	—3
36	+4,154	— 0,3	+ 1,28	—15,4	+2	—3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	5 3 29,5774	— 8 29 2,433
1771	3 32,4536	28 57,568
1772	3 35,3298	28 52,707
1773	3 38,2061	28 47,850
1774	3 41,0824	28 42,997
1775	3 43,9587	28 38,149
1776	3 46,8351	28 33,305
1777	3 49,7115	28 28,465
1778	3 52,5880	28 23,629
1779	3 55,4645	28 18,797
1780	3 58,3411	28 13,968
1781	4 1,2177	28 9,144
1782	4 4,0943	28 4,325
1783	4 6,9710	27 59,509
1784	4 9,8477	27 54,699
1785	4 12,7246	27 49,891
1786	4 15,6014	27 45,088
1787	4 18,4783	27 40,289
1788	4 21,3552	27 35,494
1789	4 24,2322	27 30,703
1790	4 27,1091	27 25,915

Diei reducto addendum est:

ante } Jun. 7 { + 1
post } Jun. 7 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	5 11 47,286	+28 23 26,97	1780	Jan. 1	5 12 22,747	+28 24 10,83
	Apr. 10	47,256	26,16		Apr. 10	22,806	11,57
	Jul. 19	47,216	25,36		Jul. 19	22,872	12,27
	Oct. 27	47,166	24,58		Oct. 27	22,947	12,93
	Dec. 66	47,105	23,83		Dec. 66	23,030	13,55
1771	Jan. 0	5 11 50,907	+28 23 28,06	1781	Jan. 0	5 12 26,783	+28 24 17,28
	Apr. 10	50,840	27,33		Apr. 10	26,871	17,86
	Jul. 19	50,765	26,64		Jul. 19	26,964	18,39
	Oct. 27	50,681	26,00		Oct. 27	27,062	18,86
	Dec. 66	50,589	25,40		Dec. 66	27,166	19,27
1772	Jan. 1	5 11 54,402	+28 23 29,57	1782	Jan. 0	5 12 30,912	+28 24 23,06
	Apr. 10	54,305	29,01		Apr. 10	31,019	23,43
	Jul. 19	54,203	28,52		Jul. 19	31,128	23,73
	Oct. 27	54,096	28,09		Oct. 27	31,239	23,96
	Dec. 66	53,984	27,73		Dec. 66	31,352	24,13
1773	Jan. 0	5 11 57,803	+28 23 31,81	1783	Jan. 0	5 12 35,096	+28 24 28,00
	Apr. 10	57,688	31,49		Apr. 10	35,210	28,11
	Jul. 19	57,571	31,25		Jul. 19	35,323	28,16
	Oct. 27	57,453	31,09		Oct. 27	35,435	28,13
	Dec. 66	57,333	31,00		Dec. 66	35,546	28,03
1774	Jan. 0	5 12 1,155	+28 23 34,99	1784	Jan. 1	5 12 39,291	+28 24 31,98
	Apr. 10	1,036	34,95		Apr. 10	39,401	31,83
	Jul. 19	0,918	34,99		Jul. 19	39,506	31,61
	Oct. 27	0,803	35,11		Oct. 27	39,608	31,32
	Dec. 66	0,691	35,31		Dec. 66	39,705	30,96
1775	Jan. 0	5 12 4,509	+28 23 39,19	1785	Jan. 0	5 12 43,455	+28 24 35,00
	Apr. 10	4,399	39,44		Apr. 10	43,549	34,60
	Jul. 19	4,296	39,76		Jul. 19	43,636	34,14
	Oct. 27	4,198	40,15		Oct. 27	43,716	33,62
	Dec. 66	4,106	40,61		Dec. 66	43,788	33,04
1776	Jan. 1	5 12 7,917	+28 23 44,40	1786	Jan. 0	5 12 47,547	+28 24 37,14
	Apr. 10	7,830	44,90		Apr. 10	47,615	36,52
	Jul. 19	7,752	45,46		Jul. 19	47,673	35,87
	Oct. 27	7,683	46,07		Oct. 27	47,722	35,17
	Dec. 66	7,622	46,74		Dec. 66	47,761	34,44
1777	Jan. 0	5 12 11,423	+28 23 50,46	1787	Jan. 0	5 12 51,531	+28 24 38,58
	Apr. 10	11,369	51,15		Apr. 10	51,564	37,82
	Jul. 19	11,325	51,87		Jul. 19	51,587	37,04
	Oct. 27	11,291	52,63		Oct. 27	51,599	36,24
	Dec. 66	11,268	53,42		Dec. 66	51,600	35,42
1778	Jan. 0	5 12 15,056	+28 23 57,09	1788	Jan. 1	5 12 55,383	+28 24 39,59
	Apr. 10	15,040	57,89		Apr. 10	55,377	38,76
	Jul. 19	15,035	58,70		Jul. 19	55,361	37,93
	Oct. 27	15,041	59,52		Oct. 27	55,334	37,12
	Dec. 66	15,057	24 0,34		Dec. 66	55,296	36,32
1779	Jan. 0	5 12 18,832	+28 24 4,00	1789	Jan. 0	5 12 59,092	+28 24 40,47
	Apr. 10	18,855	4,81		Apr. 10	59,047	39,68
	Jul. 19	18,888	5,61		Jul. 19	58,992	38,92
	Oct. 27	18,931	6,39		Oct. 27	58,928	38,19
	Dec. 66	18,983	7,15		Dec. 66	58,854	37,48

Tabulae X. Sect. II. β *Tauri.*

	1780		1780		Var. 10 annor.	
	″		″			
Jan. 0	+1,464	+ 4,2	+ 1,71	+ 4,2	+1	−2
10	+1,481	− 0,8	+ 2,12	+ 4,0	+2	−2
20	+1,449	− 5,6	+ 2,51	+ 3,6	+3	−2
30	+1,369	−10,1	+ 2,84	+ 3,0	+3	−2
Febr. 9	+1,248	−13,8	+ 3,10	+ 2,1	+4	−2
19	+1,093	−16,8	+ 3,25	+ 0,9	+4	−1
Mart. 1	+0,913	−18,7	+ 3,28	− 0,3	+4	−1
11	+0,720	−19,4	+ 3,19	− 1,6	+4	−1
21	+0,526	−18,9	+ 2,97	− 2,7	+4	0
31	+0,343	−17,2	+ 2,65	− 3,7	+4	0
Apr. 10	+0,182	−14,6	+ 2,23	− 4,5	+4	0
20	+0,052	−11,0	+ 1,75	− 5,0	+3	+1
30	−0,038	− 6,8	+ 1,24	− 5,1	+3	+1
Maj. 10	−0,083	− 2,1	+ 0,74	− 4,9	+2	+1
20	−0,079	+ 2,9	+ 0,27	− 4,4	+2	+1
30	−0,025	+ 7,9	− 0,14	− 3,6	+1	+1
Jun. 9	+0,079	+12,7	− 0,45	− 2,6	0	0
19	+0,228	+17,1	− 0,66	− 1,5	0	0
29	+0,420	+21,1	− 0,75	− 0,4	−1	0
Jul. 9	+0,649	+24,5	− 0,73	+ 0,8	−1	−1
19	+0,910	+27,3	− 0,59	+ 1,9	−2	−1
29	+1,195	+29,5	− 0,36	+ 2,7	−2	−2
Aug. 8	+1,500	+31,2	− 0,05	+ 3,4	−3	−2
18	+1,819	+32,3	+ 0,32	+ 3,9	−3	−3
28	+2,146	+32,9	+ 0,73	+ 4,2	−3	−3
Sept. 7	+2,477	+33,1	+ 1,16	+ 4,3	−3	−4
17	+2,808	+32,9	+ 1,58	+ 4,2	−3	−4
27	+3,134	+32,3	+ 2,00	+ 4,1	−3	−5
Oct. 7	+3,453	+31,3	+ 2,39	+ 3,8	−3	−6
17	+3,760	+30,0	+ 2,76	+ 3,6	−2	−6
27	+4,052	+28,2	+ 3,11	+ 3,5	−2	−6
Nov. 6	+4,324	+26,0	+ 3,46	+ 3,5	−2	−7
16	+4,572	+23,3	+ 3,81	+ 3,6	−1	−7
26	+4,789	+20,0	+ 4,17	+ 3,7	0	−7
Dec. 6	+4,972	+16,2	+ 4,55	+ 3,9	0	−8
16	+5,113	+11,9	+ 4,95	+ 4,1	+1	−8
26	+5,210	+ 7,4	+ 5,37	+ 4,2	+2	−8
36	+5,258	+ 2,3	+ 5,79	+ 4,1	+3	−8

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	5 11 46,0488	+28 23 28,041
1771	11 49,8297	23 32,020
1772	11 53,6106	23 35,994
1773	11 57,3916	23 39,963
1774	12 1,1727	23 43,926
1775	12 4,9540	23 47,884
1776	12 8,7353	23 51,836
1777	12 12,5167	23 55,783
1778	12 16,2982	23 59,725
1779	12 20,0798	24 3,661
1780	12 23,8614	24 7,592
1781	12 27,6431	24 11,518
1782	12 31,4249	24 15,438
1783	12 35,2068	24 19,353
1784	12 38,9888	24 23,262
1785	12 42,7710	24 27,166
1786	12 46,5532	24 31,065
1787	12 50,3355	24 34,958
1788	12 54,1179	24 38,846
1789	12 57,9004	24 42,728
1790	13 1,6828	24 46,604

Diei reducto addendum est:

ante } Jun. 9 { + 1
post } Jun. 9 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Orionis.*

1770	Jan. 0	h ′ ″ 5 42 44,566	+ ° ′ ″ 7 20 39,42	1780	Jan. 1	h ′ ″ 5 43 15,024	+ ° ′ ″ 7 21 0,29
	Apr. 10	44,535	38,61		Apr. 10	15,079	1,00
	Jul. 19	44,496	37,83		Jul. 19	15,140	1,66
	Oct. 27	44,449	37,08		Oct. 27	15,208	2,27
	Dec. 66	44,393	36,36		Dec. 66	15,282	2,84
1771	Jan. 0	5 42 47,656	+ 7 20 38,10	1781	Jan. 0	5 43 18,500	+ 7 21 4,11
	Apr. 10	47,594	37,41		Apr. 10	18,578	4,64
	Jul. 19	47,526	36,77		Jul. 19	18,660	5,11
	Oct. 27	47,451	36,18		Oct. 27	18,747	5,52
	Dec. 66	47,370	35,64		Dec. 66	18,838	5,86
1772	Jan. 1	5 42 50,641	+ 7 20 37,31	1782	Jan. 0	5 43 22,051	+ 7 21 7,20
	Apr. 10	50,556	36,81		Apr. 10	22,144	7,50
	Jul. 19	50,466	36,39		Jul. 19	22,238	7,73
	Oct. 27	50,372	36,03		Oct. 27	22,334	7,89
	Dec. 66	50,274	35,74		Dec. 66	22,432	7,97
1773	Jan. 0	5 42 53,551	+ 7 20 37,82	1783	Jan. 0	5 43 25,643	+ 7 21 9,39
	Apr. 10	53,451	37,08		Apr. 10	25,741	9,43
	Jul. 19	53,350	36,93		Jul. 19	25,837	9,39
	Oct. 27	53,248	36,85		Oct. 27	25,933	9,28
	Dec. 66	53,146	36,84		Dec. 66	26,027	9,10
1774	Jan. 0	5 42 56,424	+ 7 20 38,32	1784	Jan. 1	5 43 29,240	+ 7 21 10,61
	Apr. 10	56,322	38,37		Apr. 10	29,332	10,38
	Jul. 19	56,222	38,50		Jul. 19	29,421	10,08
	Oct. 27	56,125	38,71		Oct. 27	29,506	9,71
	Dec. 66	56,031	38,99		Dec. 66	29,587	9,28
1775	Jan. 0	5 42 59,305	+ 7 20 40,37	1785	Jan. 0	5 43 32,804	+ 7 21 10,87
	Apr. 10	59,213	40,70		Apr. 10	32,882	10,40
	Jul. 19	59,127	41,10		Jul. 19	32,953	9,87
	Oct. 27	59,046	41,57		Oct. 27	33,018	9,29
	Dec. 66	58,971	42,10		Dec. 66	33,076	8,65
1776	Jan. 1	5 43 2,239	+ 7 20 43,39	1786	Jan. 0	5 43 36,302	+ 7 21 10,30
	Apr. 10	2,168	43,96		Apr. 10	36,356	9,63
	Jul. 19	2,105	44,58		Jul. 19	36,401	8,92
	Oct. 27	2,049	45,25		Oct. 27	36,439	8,18
	Dec. 66	2,001	45,97		Dec. 66	36,468	7,40
1777	Jan. 0	5 43 5,260	+ 7 20 47,20	1787	Jan. 0	5 43 39,704	+ 7 21 9,09
	Apr. 10	5,218	47,94		Apr. 10	39,727	8,30
	Jul. 19	5,185	48,70		Jul. 19	39,742	7,49
	Oct. 27	5,161	49,49		Oct. 27	39,747	6,67
	Dec. 66	5,146	50,31		Dec. 66	39,744	5,84
1778	Jan. 0	5 43 8,393	+ 7 20 51,50	1788	Jan. 1	5 43 42,990	+ 7 21 7,54
	Apr. 10	8,385	52,33		Apr. 10	42,980	6,71
	Jul. 19	8,385	53,15		Jul. 19	42,961	5,89
	Oct. 27	8,394	53,97		Oct. 27	42,933	5,09
	Dec. 66	8,413	54,79		Dec. 66	42,896	4,30
1779	Jan. 0	5 43 11,649	+ 7 20 55,98	1789	Jan. 0	5 43 46,154	+ 7 21 5,98
	Apr. 10	11,674	56,79		Apr. 10	46,111	5,21
	Jul. 19	11,707	57,58		Jul. 19	46,060	4,47
	Oct. 27	11,748	58,34		Oct. 27	46,001	3,77
	Dec. 66	11,798	59,07		Dec. 66	45,934	3,12

Tabulae X. Sect. II. *α Orionis.*

	1780		1780		Var. 10 annor.	
Jan. 0	+1,349	+ 6,2	− 1,28	− 8,7	+1	−1
10	+1,388	+ 1,6	− 2,10	− 7,7	+1	−1
20	+1,380	− 3,0	− 2,82	− 6,6	+2	−1
30	+1,329	− 7,2	− 3,41	− 5,4	+2	−1
Febr. 9	+1,236	−11,0	− 3,90	− 4,3	+3	−1
19	+1,110	−14,0	− 4,27	− 3,1	+3	−1
Mart. 1	+0,957	−16,2	− 4,52	− 2,1	+3	−1
11	+0,787	−17,3	− 4,68	− 1,1	+3	−1
21	+0,611	−17,4	− 4,74	− 0,1	+3	−1
31	+0,439	−16,5	− 4,69	+ 1,0	+3	−1
Apr. 10	+0,282	−14,5	− 4,55	+ 2,0	+3	−1
20	+0,149	−11,8	− 4,30	+ 3,1	+3	−1
30	+0,046	− 8,5	− 3,93	+ 4,3	+2	−1
Maj. 10	−0,020	− 4,6	− 3,45	+ 5,4	+2	−1
20	−0,045	− 0,4	− 2,85	+ 6,6	+1	−1
30	−0,028	+ 3,9	− 2,14	+ 7,7	+1	−1
Jun. 9	+0,032	+ 8,1	− 1,31	+ 8,8	+1	−1
19	+0,133	+12,0	− 0,39	+ 9,6	0	−2
29	+0,271	+15,6	+ 0,61	+10,2	0	−2
Jul. 9	+0,445	+18,9	+ 1,65	+10,5	−1	−2
19	+0,648	+21,6	+ 2,71	+10,5	−1	−2
29	+0,877	+24,2	+ 3,75	+10,1	−2	−2
Aug. 8	+1,127	+25,8	+ 4,72	+ 9,2	−2	−3
18	+1,393	+27,2	+ 5,59	+ 8,0	−2	−3
28	+1,671	+28,2	+ 6,31	+ 6,3	−2	−3
Sept. 7	+1,956	+28,8	+ 6,84	+ 4,3	−3	−3
17	+2,246	+29,1	+ 7,17	+ 2,2	−3	−4
27	+2,537	+29,0	+ 7,28	− 0,1	−3	−4
Oct. 7	+2,826	+28,6	+ 7,15	− 2,4	−3	−4
17	+3,109	+27,8	+ 6,80	− 4,6	−2	−4
27	+3,382	+26,6	+ 6,24	− 6,5	−2	−4
Nov. 6	+3,641	+25,0	+ 5,51	− 8,0	−2	−4
16	+3,881	+22,8	+ 4,65	− 9,1	−1	−5
26	+4,097	+20,1	+ 3,69	− 9,8	−1	−5
Dec. 6	+4,283	+16,9	+ 2,69	−10,0	0	−5
16	+4,435	+13,2	+ 1,70	− 9,8	0	−5
26	+4,546	+ 8,9	+ 0,74	− 9,2	+1	−5
36	+4,613	+ 4,4	− 0,14	− 8,3	+1	−5

	A. R. med.	Decl. med.
1770	5h 42′ 43″,5176	+ 7° 20′ 41″,395
1771	42 46,7612	20 42,897
1772	42 50,0049	20 44,394
1773	42 53,2486	20 45,886
1774	42 56,4923	20 47,374
1775	42 59,7360	20 48,856
1776	43 2,9798	20 50,334
1777	43 6,2236	20 51,807
1778	43 9,4674	20 53,276
1779	43 12,7113	20 54,740
1780	43 15,9552	20 56,200
1781	43 19,1991	20 57,655
1782	43 22,4431	20 59,105
1783	43 25,6871	21 0,550
1784	43 28,9311	21 1,990
1785	43 32,1752	21 3,425
1786	43 35,4193	21 4,856
1787	43 38,6634	21 6,282
1788	43 41,9075	21 7,708
1789	43 45,1517	21 9,120
1790	43 48,3959	21 10,532

Diei reducto addendum est:

ante } Jun. 17 { + 1.
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Canis majoris.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	6 35 1,503	—16 25 1,19	1780	Jan. 1	6 35 26,287	—16 25 35,54
	Apr. 10	1,480	1,94		Apr. 10	26,331	34,91
	Jul. 19	1,450	2,66		Jul. 19	26,380	34,34
	Oct. 27	1,413	3,34		Oct. 27	26,434	33,83
	Dec. 66	1,368	3,97		Dec. 66	26,494	33,37
1771	Jan. 0	6 35 4,027	—16 25 8,06	1781	Jan. 0	6 35 29,117	—16 25 37,85
	Apr. 10	3,978	8,66		Apr. 10	29,181	37,43
	Jul. 19	3,923	9,20		Jul. 19	29,248	37,08
	Oct. 27	3,862	9,68		Oct. 27	29,319	36,80
	Dec. 66	3,796	10,10		Dec. 66	29,393	36,59
1772	Jan. 1	6 35 6,463	—16 25 14,26	1782	Jan. 0	6 35 32,011	—16 25 40,99
	Apr. 10	6,393	14,63		Apr. 10	32,087	40,82
	Jul. 19	6,319	14,93		Jul. 19	32,165	40,73
	Oct. 27	6,242	15,15		Oct. 27	32,244	40,71
	Dec. 66	6,162	15,30		Dec. 66	32,325	40,76
1773	Jan. 0	6 35 8,833	—16 25 19,56	1783	Jan. 0	6 35 34,942	—16 25 45,08
	Apr. 10	8,751	19,65		Apr. 10	35,023	45,18
	Jul. 19	8,668	19,67		Jul. 19	35,103	45,35
	Oct. 27	8,584	19,62		Oct. 27	35,182	45,59
	Dec. 66	8,499	19,49		Dec. 66	35,261	45,90
1774	Jan. 0	6 35 11,171	—16 25 23,85	1784	Jan. 1	6 35 37,879	—16 25 50,14
	Apr. 10	11,087	23,64		Apr. 10	37,956	50,49
	Jul. 19	11,004	23,37		Jul. 19	38,030	50,91
	Oct. 27	10,923	23,03		Oct. 27	38,101	51,39
	Dec. 66	10,844	22,62		Dec. 66	38,169	51,93
1775	Jan. 0	6 35 13,514	—16 25 27,08	1785	Jan. 0	6 35 40,791	—16 25 56,09
	Apr. 10	13,437	26,62		Apr. 10	40,856	57,67
	Jul. 19	13,364	26,11		Jul. 19	40,917	57,29
	Oct. 27	13,296	25,53		Oct. 27	40,972	57,96
	Dec. 66	13,232	24,90		Dec. 66	41,022	58,67
1776	Jan. 1	6 35 15,897	—16 25 29,43	1786	Jan. 0	6 35 43,650	—16 26 2,78
	Apr. 10	15,836	28,77		Apr. 10	43,696	3,52
	Jul. 19	15,782	28,06		Jul. 19	43,736	4,28
	Oct. 27	15,734	27,32		Oct. 27	43,769	5,06
	Dec. 66	15,693	26,55		Dec. 66	43,796	5,87
1777	Jan. 0	6 35 18,350	—16 25 31,13	1787	Jan. 0	6 35 46,431	—16 26 9,96
	Apr. 10	18,313	30,34		Apr. 10	46,453	10,77
	Jul. 19	18,284	29,53		Jul. 19	46,467	11,59
	Oct. 27	18,262	28,71		Oct. 27	46,473	12,41
	Dec. 66	18,248	27,88		Dec. 66	46,472	13,23
1778	Jan. 0	6 35 20,896	—16 25 32,48	1788	Jan. 1	6 35 49,117	—16 26 17,31
	Apr. 10	20,887	31,65		Apr. 10	49,111	18,12
	Jul. 19	20,885	30,84		Jul. 19	49,098	18,90
	Oct. 27	20,891	30,04		Oct. 27	49,077	19,66
	Dec. 66	20,904	29,26		Dec. 66	49,049	20,39
1779	Jan. 0	6 35 23,542	—16 25 33,84	1789	Jan. 0	6 35 51,702	—16 26 24,51
	Apr. 10	23,561	33,07		Apr. 10	51,668	25,22
	Jul. 19	23,586	32,34		Jul. 19	51,628	25,88
	Oct. 27	23,618	31,65		Oct. 27	51,581	26,48
	Dec. 66	23,657	30,99		Dec. 66	51,528	27,04

Tabulae X. Sect. II. α *Canis majoris.*

	1780		1780		Var. 10 annor.	
	″		″			
Jan. 0	+1,426	+ 9,0	− 1,83	−23,7	0	+1
10	+1,492	+ 4,2	− 4,15	−22,2	+1	+1
20	+1,509	− 0,8	− 6,27	−20,1	+1	+1
30	+1,477	− 5,5	− 8,17	−17,7	+1	0
Febr. 9	+1,400	− 9,7	− 9,81	−15,0	+2	0
19	+1,283	−13,4	−11,16	−11,9	+2	0
Mart. 1	+1,133	−16,2	−12,19	− 8,8	+2	0
11	+0,959	−18,2	−12,91	− 5,6	+2	−1
21	+0,770	−19,1	−13,31	− 2,5	+3	−1
31	+0,577	−19,0	−13,40	+ 0,7	+2	−1
Apr. 10	+0,390	−18,0	−13,17	+ 3,8	+2	−1
20	+0,218	−16,1	−12,64	+ 6,8	+2	−2
30	+0,069	−13,5	−11,82	+ 9,6	+2	−2
Maj. 10	−0,051	−10,3	−10,72	+12,2	+2	−2
20	−0,136	− 6,7	− 9,38	+14,6	+2	−2
30	−0,184	− 2,8	− 7,81	+16,7	+1	−3
Jun. 9	−0,192	+ 1,2	− 6,04	+18,4	+1	−3
19	−0,161	+ 5,1	− 4,14	+19,6	0	−3
29	−0,091	+ 8,8	− 2,12	+20,4	0	−3
Jul. 9	+0,015	+12,4	− 0,06	+20,5	0	−3
19	+0,156	+15,6	+ 1,98	+20,0	−1	−3
29	+0,327	+18,5	+ 3,94	+18,9	−1	−3
Aug. 8	+0,526	+21,1	+ 5,75	+17,0	−1	−3
18	+0,749	+23,3	+ 7,34	+14,5	−2	−3
28	+0,992	+25,2	+ 8,65	+11,4	−2	−3
Sept. 7	+1,253	+26,7	+ 9,62	+ 7,7	−2	−3
17	+1,526	+27,9	+10,19	+ 3,6	−2	−3
27	+1,810	+28,7	+10,33	− 0,8	−2	−3
Oct. 7	+2,100	+29,1	+10,03	− 5,2	−2	−3
17	+2,391	+29,0	+ 9,29	− 9,6	−2	−2
27	+2,679	+28,4	+ 8,12	−13,7	−2	−2
Nov. 6	+2,958	+27,2	+ 6,56	−17,2	−2	−2
16	+3,223	+25,5	+ 4,68	−20,2	−2	−2
26	+3,467	+23,0	+ 2,53	−22,4	−1	−2
Dec. 6	+3,683	+19,9	+ 0,20	−23,8	−1	−2
16	+3,864	+16,1	− 2,23	−24,4	−1	−2
26	+4,005	+11,8	− 4,68	−24,2	0	−2
36	+4,100	+ 7,2	− 7,06	−23,3	0	−3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	6 35 0,6303	−16 24 57,763
1771	35 3,2741	25 2,057
1772	35 5,9179	25 6,356
1773	35 8,5617	25 10,658
1774	35 11,2056	25 14,964
1775	35 13,8496	25 19,274
1776	35 16,4935	25 23,588
1777	35 19,1373	25 27,905
1778	35 21,7812	25 32,226
1779	35 24,4250	25 36,551
1780	35 27,0689	25 40,880
1781	35 29,7128	25 45,213
1782	35 32,3567	25 49,549
1783	35 35,0006	25 53,890
1784	35 37,6445	25 58,234
1785	35 40,2884	26 2,581
1786	35 42,9323	26 6,933
1787	35 45,5762	26 11,288
1788	35 48,2201	26 15,648
1789	35 50,8641	26 20,011
1790	35 53,5080	26 24,378

Diei reducto addendum est:

ante	Jun. 29	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Geminorum.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	7 19 54,508	+32 22 9,46	1780	Jan. 1	7 20 30,748	+32 21 10,67
	Apr. 10	54,460	8,78		Apr. 10	30,823	11,19
	Jul. 19	54,402	8,15		Jul. 19	30,906	11,66
	Oct. 27	54,334	7,57		Oct. 27	30,995	12,06
	Dec. 66	54,257	7,03		Dec. 66	31,092	12,41
1771	Jan. 0	7 19 58,133	+32 22 0,27	1781	Jan. 0	7 20 34,908	+32 21 5,32
	Apr. 10	58,050	21 59,77		Apr. 10	35,008	5,62
	Jul. 19	57,959	59,34		Jnl. 19	35,113	5,85
	Oct. 27	57,861	58,98		Oct. 27	35,222	6,01
	Dec. 66	57,756	58,68		Dec. 66	35,334	6,10
1772	Jan. 1	7 20 1,642	+32 21 51,84	1782	Jan. 0	7 20 39,145	+32 20 59,09
	Apr. 10	1,533	51,59		Apr. 10	39,260	59,13
	Jul. 19	1,420	51,42		Jul. 19	39,375	59,11
	Oct. 27	1,303	51,32		Oct. 27	39,491	59,01
	Dec. 66	1,183	51,30		Dec. 66	39,608	58,84
1773	Jan. 0	7 20 5,073	+32 21 44,36	1783	Jan. 0	7 20 43,417	+32 20 51,91
	Apr. 10	4,951	44,39		Apr. 10	43,533	51,69
	Jul. 19	4,829	44,50		Jul. 19	43,647	51,41
	Oct. 27	4,707	44,68		Oct. 27	43,758	51,07
	Dec. 66	4,586	44,94		Dec. 66	43,867	50,66
1774	Jan. 0	7 20 8,476	+32 21 37,90	1784	Jan. 1	7 20 47,680	+32 20 43,80
	Apr. 10	8,356	38,21		Apr. 10	47,786	43,35
	Jul. 19	8,240	38,58		Jul. 19	47,886	42,84
	Oct. 27	8,128	39,02		Oct. 27	47,981	42,28
	Dec. 66	8,020	39,53		Dec. 66	48,070	41,67
1775	Jan. 0	7 20 11,904	+32 21 32,40	1785	Jan. 0	7 20 51,889	+32 20 34,88
	Apr. 10	11,800	32,95		Apr. 10	51,974	34,24
	Jul. 19	11,704	33,54		Jul. 19	52,050	33,56
	Oct. 27	11,615	34,19		Oct. 27	52,118	32,85
	Dec. 66	11,534	34,88		Dec. 66	52,178	32,10
1776	Jan. 1	7 20 15,409	+32 21 27,69	1786	Jan. 0	7 20 56,007	+32 20 25,34
	Apr. 10	15,334	28,41		Apr. 10	56,060	24,58
	Jul. 19	15,268	29,15		Jul. 19	56,104	23,80
	Oct. 27	15,213	29,92		Oct. 27	56,137	23,01
	Dec. 66	15,167	30,72		Dec. 66	56,160	22,20
1777	Jan. 0	7 20 19,030	+32 21 23,49	1787	Jan. 0	7 21 0,001	+32 20 15,46
	Apr. 10	18,991	24,29		Apr. 10	0,017	14,65
	Jul. 19	18,964	25,09		Jul. 19	0,022	13,86
	Oct. 27	18,947	25,90		Oct. 27	0,016	13,07
	Dec. 66	18,942	26,71		Dec. 66	20 59,999	12,30
1778	Jan. 0	7 20 22,791	+32 21 19,47	1788	Jan. 1	7 21 3,854	+32 20 5,54
	Apr. 10	22,793	20,27		Apr. 10	3,829	4,79
	Jul. 19	22,806	21,04		Jul. 19	3,794	4,07
	Oct. 27	22,830	21,79		Oct. 27	3,749	3,39
	Dec. 66	22,864	22,51		Dec. 66	3,693	2,74
1779	Jan. 0	7 20 26,701	+32 21 15,30	1789	Jan. 0	7 21 7,560	+32 19 55,92
	Apr. 10	26,742	16,00		Apr. 10	7,498	55,31
	Jul. 19	26,793	16,65		Jul. 19	7,426	54,75
	Oct. 27	26,854	17,26		Oct. 27	7,345	54,25
	Dec. 66	26,924	17,83		Dec. 66	7,255	53,80

Tabulae X. Sect. II. *α Geminorum.*

	1780		1780		Var. 10 annor.	
Jan. 0	+1,584″	+18,4	− 3,82″	+ 3,6	−1	−3
10	+1,742	+12,9	− 3,38	+ 4,7	−1	−3
20	+1,842	+ 7,1	− 2,78	+ 6,6	0	−3
30	+1,884	+ 1,3	− 2,07	+ 7,4	+1	−4
Febr. 9	+1,867	− 4,4	− 1,30	+ 7,9	+1	−4
19	+1,797	− 9,3	− 0,50	+ 7,9	+2	−4
Mart. 1	+1,681	−13,6	+ 0,27	+ 7,4	+3	−3
11	+1,526	−16,8	+ 0,97	+ 6,4	+3	−3
21	+1,346	−18,7	+ 1,55	+ 5,1	+3	−3
31	+1,152	−19,6	+ 1,99	+ 3,6	+4	−2
Apr. 10	+0,955	−19,2	+ 2,27	+ 2,0	+4	−2
20	+0,768	−17,8	+ 2,38	+ 0,3	+4	−2
30	+0,600	−15,4	+ 2,32	− 1,4	+4	−1
Maj. 10	+0,461	−12,2	+ 2,11	− 2,8	+3	−1
20	+0,356	− 8,5	+ 1,76	− 4,1	+3	−1
30	+0,291	− 4,4	+ 1,29	− 5,2	+3	0
Jun. 9	+0,269	− 0,1	+ 0,73	− 6,0	+2	0
19	+0,290	+ 4,2	+ 0,10	− 6,5	+1	0
29	+0,353	+ 8,4	− 0,57	− 6,9	+1	0
Jul. 9	+0,457	+12,4	− 1,28	− 7,2	0	0
19	+0,600	+16,1	− 2,01	− 7,4	−1	0
29	+0,778	+19,4	− 2,75	− 7,4	−1	0
Aug. 8	+0,988	+22,4	− 3,49	− 7,5	−2	0
18	+1,226	+25,1	− 4,24	− 7,6	−3	−1
28	+1,490	+27,5	− 5,00	− 7,6	−3	−1
Sept. 7	+1,776	+29,6	− 5,76	− 7,6	−4	−1
17	+2,082	+31,5	− 6,52	− 7,7	−4	−2
27	+2,405	+33,0	− 7,29	− 7,6	−5	−2
Oct. 7	+2,742	+34,3	− 8,04	− 7,4	−5	−3
17	+3,090	+35,1	− 8,77	− 7,1	−5	−4
27	+3,443	+35,4	− 9,45	− 6,4	−5	−4
Nov. 6	+3,797	+35,1	−10,05	− 5,5	−5	−5
16	+4,145	+34,1	−10,55	− 4,4	−5	−6
26	+4,478	+32,2	−10,92	− 2,9	−5	−6
Dec. 6	+4,789	+29,6	−11,12	− 1,2	−4	−7
16	+5,069	+26,0	−11,15	+ 0,6	−4	−7
26	+5,308	+21,5	−11,00	+ 2,5	−3	−8
36	+5,498	+16,4	−10,66	+ 4,2	−2	−8

	A. R. med.	Decl. med.
1770	7ʰ 19′ 53″,2965	+32° 22′ 13″,988
1771	19 57,1463	22 7,058
1772	20 0,9959	22 0,123
1773	20 4,8454	21 53,183
1774	20 8,6948	21 46,238
1775	20 12,5441	21 39,287
1776	20 16,3932	21 32,331
1777	20 20,2422	21 25,370
1778	20 24,0911	21 18,403
1779	20 27,9399	21 11,431
1780	20 31,7885	21 4,454
1781	20 35,6370	20 57,472
1782	20 39,4854	20 50,484
1783	20 43,3337	20 43,491
1784	20 47,1818	20 36,493
1785	20 51,0299	20 29,490
1786	20 54,8778	20 22,481
1787	20 58,7256	20 15,467
1788	21 2,5733	20 8,448
1789	21 6,4208	20 1,424
1790	21 10,2681	19 54,394

Diei reducto addendum est:

ante } Jul. 11 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Canis minoris.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	7 27 16,047	+ 5 47 47,20	1780	Jan. 1	7 27 45,610	+ 5 46 32,75
	Apr. 10	16,015	46,53		Apr. 10	45,666	33,26
	Jul. 19	15,974	45,91		Jul. 19	45,728	33,70
	Oct. 27	15,925	45,35		Oct. 27	45,797	34,09
	Dec. 66	15,867	44,83		Dec. 66	45,872	34,41
1771	Jan. 0	7 27 19,037	+ 5 47 36,47	1781	Jan. 0	7 27 48,995	+ 5 46 25,74
	Apr. 10	18,974	35,99		Apr. 10	49,073	26,02
	Jul. 19	18,905	35,58		Jul. 19	49,156	26,23
	Oct. 27	18,830	35,24		Oct. 27	49,242	26,37
	Dec. 66	18,747	34,96		Dec. 66	49,332	26,45
1772	Jan. 1	7 27 21,925	+ 5 47 26,51	1782	Jan. 0	7 27 52,451	+ 5 46 17,86
	Apr. 10	21,839	26,28		Apr. 10	52,543	17,88
	Jul. 19	21,749	26,13		Jul. 19	52,637	17,83
	Oct. 27	21,655	26,06		Oct. 27	52,732	17,71
	Dec. 66	21,558	26,06		Dec. 66	52,828	17,51
1773	Jan. 0	7 27 24,740	+ 5 47 17,51	1783	Jan. 0	7 27 55,945	+ 5 46 9,00
	Apr. 10	24,641	17,56		Apr. 10	56,041	8,78
	Jul. 19	24,542	17,69		Jul. 19	56,136	8,49
	Oct. 27	24,441	17,89		Oct. 27	56,230	8,13
	Dec. 66	24,340	18,17		Dec. 66	56,322	7,70
1774	Jan. 0	7 27 27,523	+ 5 47 9,53	1784	Jan. 1	7 27 59,440	+ 5 45 59,27
	Apr. 10	27,423	9,86		Apr. 10	59,531	58,80
	Jul. 19	27,325	10,25		Jul. 19	59,617	58,29
	Oct. 27	27,230	10,70		Oct. 27	59,699	57,72
	Dec. 66	27,138	11,22		Dec. 66	59,777	57,10
1775	Jan. 0	7 27 30,318	+ 5 47 2,50	1785	Jan. 0	7 28 2,900	+ 5 45 48,72
	Apr. 10	30,228	3,06		Apr. 10	2,975	48,07
	Jul. 19	30,144	3,66		Jul. 19	3,044	47,38
	Oct. 27	30,066	4,31		Oct. 27	3,206	46,66
	Dec. 66	29,993	5,01		Dec. 66	3,161	45,91
1776	Jan. 1	7 27 33,166	+ 5 46 56,23	1786	Jan. 0	7 28 6,292	+ 5 45 37,58
	Apr. 10	33,098	56,95		Apr. 10	6,343	36,81
	Jul. 19	33,037	57,70		Jul. 19	6,385	36,03
	Oct. 27	32,985	58,47		Oct. 27	6,420	35,24
	Dec. 66	32,940	59,27		Dec. 66	6,447	34,44
1777	Jan. 0	7 27 36,103	+ 5 46 50,45	1787	Jan. 0	7 28 9,588	+ 5 45 26,11
	Apr. 10	36,064	51,25		Apr. 10	9,609	25,31
	Jul. 19	36,034	52,05		Jul. 19	9,621	24,53
	Oct. 27	36,013	52,85		Oct. 27	9,623	23,75
	Dec. 66	36,000	53,65		Dec. 66	9,617	22,99
1778	Jan. 0	7 27 39,152	+ 5 46 44,83	1788	Jan. 1	7 28 12,769	+ 5 45 14,64
	Apr. 10	39,146	45,62		Apr. 10	12,757	13,90
	Jul. 19	39,149	46,38		Jul. 19	12,736	13,19
	Oct. 27	39,161	47,11		Oct. 27	12,706	12,52
	Dec. 66	39,182	47,82		Dec. 66	12,667	11,89
1779	Jan. 0	7 27 42,323	+ 5 46 39,03	1789	Jan. 0	7 28 15,829	+ 5 45 3,49
	Apr. 10	42,350	39,72		Apr. 10	15,784	2,89
	Jul. 19	42,385	40,35		Jul. 19	15,732	2,35
	Oct. 27	42,428	40,94		Oct. 27	15,671	1,87
	Dec. 66	42,479	41,49		Dec. 66	15,603	1,44

Tabulae X. Sect. II. *α Canis minoris.*

	1780		1780		Var. 10 annor.	
Jan. 0	+1,341″	+15,8	−2,36″	−13,1	−1	0
10	+1,477	+11,2	−3,60	−11,7	0	0
20	+1,564	+6,2	−4,69	−10,1	0	−1
30	+1,601	+1,2	−5,61	−8,3	+1	−1
Febr. 9	+1,588	−3,6	−6,34	−6,5	+1	−1
19	+1,530	−7,8	−6,90	−4,7	+2	−1
Mart. 1	+1,432	−11,5	−7,28	−3,1	+2	−2
11	+1,301	−14,2	−7,52	−1,7	+2	−2
21	+1,149	−15,9	−7,61	−0,4	+3	−2
31	+0,983	−16,7	−7,59	+0,8	+3	−2
Apr. 10	+0,816	−16,4	−7,45	+1,9	+3	−2
20	+0,655	−15,3	−7,22	+2,8	+3	−2
30	+0,510	−13,4	−6,89	+3,8	+3	−2
Maj. 10	+0,388	−10,8	−6,47	+4,6	+2	−2
20	+0,294	−7,8	−5,97	+5,4	+2	−2
30	+0,233	−4,4	−5,40	+6,1	+2	−2
Jun. 9	+0,206	−1,0	−4,75	+6,8	+1	−2
19	+0,214	+2,6	−4,04	+7,3	+1	−2
29	+0,258	+6,1	−3,30	+7,6	+1	−2
Jul. 9	+0,335	+9,4	−2,52	+7,7	0	−2
19	+0,445	+12,5	−1,76	+7,5	0	−2
29	+0,584	+15,3	−1,03	+6,9	−1	−2
Aug. 8	+0,750	+17,9	−0,38	+6,0	−1	−2
18	+0,942	+20,3	+0,16	+4,7	−2	−2
28	+1,156	+22,4	+0,55	+3,0	−2	−2
Sept. 7	+1,390	+24,4	+0,76	+1,0	−2	−2
17	+1,643	+26,1	+0,74	−1,4	−3	−2
27	+1,912	+27,6	+0,49	−3,7	−3	−2
Oct. 7	+2,194	+28,8	0,00	−6,2	−3	−2
17	+2,487	+29,7	−0,75	−8,6	−3	−3
27	+2,787	+30,1	−1,72	−10,7	−3	−3
Nov. 6	+3,088	+29,9	−2,89	−12,5	−3	−3
16	+3,384	+29,1	−4,22	−13,9	−3	−3
26	+3,670	+27,7	−5,66	−14,7	−3	−3
Dec. 6	+3,937	+25,4	−7,15	−15,0	−2	−4
16	+4,177	+22,3	−8,65	−14,7	−2	−4
26	+4,382	+18,5	−10,08	−13,8	−2	−4
36	+4,546	+14,1	−11,41	−12,6	−1	−5

	A. R. med.	Decl. med.
1770	7h 27′ 15,0219″	+ 5° 47′ 51,888″
1771	27 18,1713	47 43,360
1772	27 21,3206	47 34,828
1773	27 24,4699	47 26,292
1774	27 27,6191	47 17,751
1775	27 30,7683	47 9,206
1776	27 33,9174	47 0,657
1777	27 37,0665	46 52,104
1778	27 40,2156	46 43,547
1779	27 43,3646	46 34,985
1780	27 46,5136	46 26,418
1781	27 49,6625	46 17,848
1782	27 52,8114	46 9,274
1783	27 55,9603	46 0,696
1784	27 59,1091	45 52,113
1785	28 2,2578	45 43,525
1786	28 5,4065	45 34,954
1787	28 8,5552	45 26,338
1788	28 11,7038	45 17,738
1789	28 14,8524	45 9,134
1790	28 18,0010	45 0,527

Diei reducto addendum est:

ante } Jul. 12 { + 1
post } Jul. 12 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Geminorum.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	7 31 13,954	+28 33 38,96	1780	Jan. 1	7 31 48,687	+28 32 31,47
	Apr. 10	13,907	38,30		Apr. 10	48,761	31,97
	Jul. 19	13,851	37,69		Jul. 19	48,841	32,41
	Oct. 27	13,786	37,13		Oct. 27	48,928	32,78
	Dec. 66	13,711	36,62		Dec. 66	49,021	33,10
1771	Jan. 0	7 31 17,428	+28 33 28,94	1781	Jan. 0	7 31 52,679	+28 32 25,10
	Apr. 10	17,348	28,48		Apr. 10	52,777	25,37
	Jul. 19	17,260	28,08		Jul. 19	52,878	25,57
	Oct. 27	17,165	27,75		Oct. 27	52,983	25,70
	Dec. 66	17,063	27,48		Dec. 66	53,092	25,76
1772	Jan. 1	7 31 20,790	+28 33 19,71	1782	Jan. 0	7 31 56,746	+28 32 17,85
	Apr. 10	20,684	19,50		Apr. 10	56,857	17,86
	Jul. 19	20,575	19,36		Jul. 19	56,968	17,81
	Oct. 27	20,462	19,30		Oct. 27	57,081	17,68
	Dec. 66	20,345	19,31		Dec. 66	57,194	17,48
1773	Jan. 0	7 31 24,076	+28 33 11,44	1783	Jan. 0	7 32 0,846	+28 32 9,66
	Apr. 10	23,958	11,50		Apr. 10	0,959	9,42
	Jul. 19	23,840	11,64		Jul. 19	1,069	9,11
	Oct. 27	23,722	11,85		Oct. 27	1,177	8,74
	Dec. 66	23,605	12,14		Dec. 66	1,282	8,30
1774	Jan. 0	7 31 27,336	+28 33 4,18	1784	Jan. 1	7 32 4,937	+28 32 0,54
	Apr. 10	27,220	4,51		Apr. 10	5,040	0,07
	Jul. 19	27,107	4,91		Jul. 19	5,137	31 59,55
	Oct. 27	26,998	5,37		Oct. 27	5,229	58,97
	Dec. 66	26,894	5,90		Dec. 66	5,315	58,34
1775	Jan. 0	7 31 30,620	+28 32 57,86	1785	Jan. 0	7 32 8,977	+28 31 50,65
	Apr. 10	30,519	58,42		Apr. 10	9,059	49,99
	Jul. 19	30,426	59,03		Jul. 19	9,133	49,30
	Oct. 27	30,340	59,69		Oct. 27	9,198	48,58
	Dec. 66	30,261	33 0,39		Dec. 66	9,256	47,83
1776	Jan. 1	7 31 33,978	+28 32 52,29	1786	Jan. 0	7 32 12,928	+28 31 40,17
	Apr. 10	33,905	53,00		Apr. 10	12,978	39,40
	Jul. 19	33,841	53,74		Jul. 19	13,021	38,62
	Oct. 27	33,788	54,52		Oct. 27	13,053	37,83
	Dec. 66	33,744	55,33		Dec. 66	13,076	37,03
1777	Jan. 0	7 31 37,448	+28 32 47,19	1787	Jan. 0	7 32 16,759	+28 31 29,38
	Apr. 10	37,411	47,99		Apr. 10	16,774	28,57
	Jul. 19	37,384	48,79		Jul. 19	16,779	27,79
	Oct. 27	37,368	49,59		Oct. 27	16,773	27,02
	Dec. 66	37,363	50,39		Dec. 66	16,757	26,28
1778	Jan. 0	7 31 41,055	+28 32 42,24	1788	Jan. 1	7 32 20,453	+28 31 18,60
	Apr. 10	41,057	43,02		Apr. 10	20,430	17,86
	Jul. 19	41,069	43,78		Jul. 19	20,396	17,16
	Oct. 27	41,092	44,51		Oct. 27	20,353	16,50
	Dec. 66	41,126	45,22		Dec. 66	20,297	15,88
1779	Jan. 0	7 31 44,804	+28 32 37,11	1789	Jan. 0	7 32 24,006	+28 31 8,15
	Apr. 10	44,844	37,78		Apr. 10	23,945	7,56
	Jul. 19	44,894	38,41		Jul. 19	23,876	7,03
	Oct. 27	44,952	38,99		Oct. 27	23,797	6,56
	Dec. 66	45,020	39,53		Dec. 66	23,710	6,14

Tabulae X. Sect. II. β *Geminorum.*

	1780		1780		Var. 10 annor.	
Jan. 0	+1,507″	+18,9	−4,10″	+0,8	−1	−2
10	+1,671	+13,7	−3,93	+2,5	−1	−3
20	+1,780	+8,1	−3,60	+4,0	0	−3
30	+1,832	+2,4	−3,13	+5,3	+1	−3
Febr. 9	+1,827	−3,1	−2,55	+6,1	+1	−3
19	+1,770	−8,0	−1,91	+6,5	+2	−3
Mart. 1	+1,667	−12,3	−1,26	+6,4	+2	−3
11	+1,525	−15,5	−0,64	+5,9	+3	−3
21	+1,357	−17,6	−0,09	+5,0	+3	−3
31	+1,174	−18,6	+0,36	+4,0	+3	−2
Apr. 10	+0,986	−18,5	+0,70	+2,7	+4	−2
20	+0,805	−17,3	+0,89	+1,3	+4	−2
30	+0,641	−15,2	+0,96	+0,1	+3	−1
Maj. 10	+0,502	−12,3	+0,90	−1,2	+3	−1
20	+0,396	−8,8	+0,73	−2,3	+3	−1
30	+0,326	−5,1	+0,44	−3,2	+2	−1
Jun. 9	+0,295	−1,1	+0,09	−3,9	+2	0
19	+0,305	+3,0	−0,34	−4,5	+1	0
29	+0,355	+7,0	−0,81	−4,9	+1	0
Jul. 9	+0,444	+10,7	−1,32	−5,3	0	0
19	+0,569	+14,2	−1,86	−5,6	0	0
29	+0,728	+17,5	−2,43	−5,8	−1	0
Aug. 8	+0,918	+20,5	−3,02	−6,1	−2	0
18	+1,137	+23,1	−3,65	−6,5	−2	−1
28	+1,380	+25,5	−4,31	−6,8	−3	−1
Sept. 7	+1,647	+27,7	−5,01	−7,2	−3	−1
17	+1,934	+29,6	−5,75	−7,7	−4	−2
27	+2,239	+31,3	−6,54	−8,0	−4	−2
Oct. 7	+2,560	+32,7	−7,35	−8,2	−5	−3
17	+2,892	+33,6	−8,18	−8,2	−5	−3
27	+3,232	+34,2	−8,99	−8,0	−5	−4
Nov. 6	+3,575	+34,2	−9,77	−7,5	−5	−4
16	+3,915	+33,4	−10,49	−6,6	−5	−5
26	+4,242	+31,8	−11,09	−5,4	−4	−5
Dec. 6	+4,550	+29,4	−11,57	−4,0	−4	−6
16	+4,829	+26,0	−11,88	−2,2	−4	−7
26	+5,070	+21,8	−12,01	−0,4	−3	−7
36	+5,265	+17,0	−11,95	+1,5	−2	−7

	A. R. med.	Decl. med.
1770	7ʰ 31′ 12″,7822	+28° 33′ 43″,735
1771	31 16,4739	33 35,891
1772	31 20,1655	33 28,043
1773	31 23,8570	33 20,190
1774	31 27,5483	33 12,332
1775	31 31,2395	33 4,468
1776	31 34,9306	32 56,600
1777	31 38,6216	32 48,727
1778	31 42,3125	32 40,849
1779	31 46,0032	32 32,966
1780	31 49,6938	32 25,078
1781	31 53,3843	32 17,185
1782	31 57,0747	32 9,287
1783	32 0,7649	32 1,385
1784	32 4,4550	31 53,478
1785	32 8,1450	31 45,565
1786	32 11,8349	31 37,648
1787	32 15,5247	31 29,726
1788	32 19,2143	31 21,799
1789	32 22,9038	31 13,867
1790	32 26,5932	31 5,930

Diei reducto addendum est:

ante } Jul. 13 { +1
post } Jul. 13 { +2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Hydrae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	9 16 17,995	– 7 40 27,94	1780	Jan. 1	9 16 45,630	– 7 42 45,66
	Apr. 10	17,972	28,31		Apr. 10	45,675	45,47
	Jul. 19	17,941	28,63		Jul. 19	45,727	45,34
	Oct. 27	17,902	28,88		Oct. 27	45,785	45,27
	Dec. 66	17,856	29,07		Dec. 66	45,849	45,27
1771	Jan. 0	9 16 20,820	– 7 40 44,15	1781	Jan. 0	9 16 48,775	– 7 43 0,43
	Apr. 10	20,768	44,30		Apr. 10	48,843	0,47
	Jul. 19	20,710	44,38		Jul. 19	48,915	0,58
	Oct. 27	20,645	44,39		Oct. 27	48,992	0,74
	Dec. 66	20,574	44,34		Dec. 66	49,073	0,97
1772	Jan. 1	9 16 23,547	– 7 40 59,51	1782	Jan. 0	9 16 51,993	– 7 43 16,05
	Apr. 10	23,472	59,41		Apr. 10	52,076	16,32
	Jul. 19	23,392	59,24		Jul. 19	52,161	16,64
	Oct. 27	23,309	59,01		Oct. 27	52,248	17,01
	Dec. 66	23,221	58,71		Dec. 66	52,337	17,44
1773	Jan. 0	9 16 26,199	– 7 41 13,95	1783	Jan. 0	9 16 55,255	– 7 43 32,47
	Apr. 10	26,109	13,61		Apr. 10	55,344	32,93
	Jul. 19	26,018	13,22		Jul. 19	55,432	33,43
	Oct. 27	25,926	12,77		Oct. 27	55,520	33,98
	Dec. 66	25,832	12,26		Dec. 66	55,607	34,56
1774	Jan. 0	9 16 28,811	– 7 41 27,58	1784	Jan. 1	9 16 58,526	– 7 43 49,54
	Apr. 10	28,718	27,04		Apr. 10	58,612	50,15
	Jul. 19	28,626	26,46		Jul. 19	58,695	50,78
	Oct. 27	28,536	25,85		Oct. 27	58,775	51,44
	Dec. 66	28,448	25,19		Dec. 66	58,852	52,12
1775	Jan. 0	9 16 31,425	– 7 41 40,56	1785	Jan. 0	9 17 1,774	– 7 44 7,07
	Apr. 10	31,339	39,89		Apr. 10	1,848	7,76
	Jul. 19	31,257	39,20		Jul. 19	1,917	8,46
	Oct. 27	31,180	38,49		Oct. 27	1,980	9,16
	Dec. 66	31,108	37,77		Dec. 66	2,037	9,87
1776	Jan. 1	9 16 34,080	– 7 41 53,16	1786	Jan. 0	9 17 4,967	– 7 44 24,81
	Apr. 10	34,012	52,44		Apr. 10	5,020	25,51
	Jul. 19	33,950	51,72		Jul. 19	5,066	26,20
	Oct. 27	33,895	51,01		Oct. 27	5,105	26,87
	Dec. 66	33,847	50,30		Dec. 66	5,137	27,52
1777	Jan. 0	9 16 36,810	– 7 42 5,69	1787	Jan. 0	9 17 8,075	– 7 44 42,49
	Apr. 10	36,767	5,00		Apr. 10	8,102	43,12
	Jul. 19	36,732	4,33		Jul. 19	8,120	43,72
	Oct. 27	36,705	3,70		Oct. 27	8,130	44,28
	Dec. 66	36,686	3,09		Dec. 66	8,132	44,80
1778	Jan. 0	9 16 39,640	– 7 42 18,45	1788	Jan. 1	9 17 11,080	– 7 44 59,81
	Apr. 10	39,627	17,87		Apr. 10	11,076	45 0,30
	Jul. 19	39,622	17,33		Jul. 19	11,064	0,74
	Oct. 27	39,625	16,84		Oct. 27	11,044	1,13
	Dec. 66	39,637	16,40		Dec. 66	11,015	1,46
1779	Jan. 0	9 16 42,581	– 7 42 31,70	1789	Jan. 0	9 17 13,974	– 7 45 16,54
	Apr. 10	42,598	31,30		Apr. 10	13,939	16,83
	Jul. 19	42,623	30,95		Jul. 19	13,897	17,06
	Oct. 27	42,656	30,66		Oct. 27	13,848	17,22
	Dec. 66	42,696	30,42		Dec. 66	13,791	17,32

Tabulae X. Sect. II. *α Hydrae.*

	1780		1780		Var. 10 annor.	
Jan. 0	+1″,063	+24,5	— 0″,06	—22,4	—2	+2
10	+1,289	+20,5	— 2,27	—21,6	—1	+1
20	+1,472	+15,9	— 4,37	—20,2	—1	+1
30	+1,607	+11,0	— 6,31	—18,4	0	+1
Febr. 9	+1,692	+ 6,1	— 8,04	—16,2	0	0
19	+1,728	+ 1,3	— 9,54	—13,8	+1	0
Mart. 1	+1,718	— 3,1	—10,79	—11,3	+1	0
11	+1,666	— 6,9	—11,79	— 8,8	+1	—1
21	+1,580	— 9,9	—12,54	— 6,4	+2	—1
31	+1,468	—12,2	—13,05	— 4,0	+2	—1
Apr. 10	+1,337	—13,6	—13,33	— 1,7	+2	—2
20	+1,197	—14,2	—13,38	+ 0,5	+3	—2
30	+1,054	—14,0	—13,24	+ 2,4	+3	—2
Maj. 10	+0,917	—13,2	—12,90	+ 4,3	+3	—2
20	+0,790	—11,9	—12,38	+ 6,1	+3	—2
30	+0,680	—10,1	—11,69	+ 7,6	+3	—2
Jun. 9	+0,589	— 8,1	—10,86	+ 9,0	+2	—3
19	+0,519	— 5,8	— 9,90	+10,2	+2	—3
29	+0,474	— 3,3	— 8,83	+11,1	+2	—3
Jul. 9	+0,453	— 0,8	— 7,69	+11,6	+1	—3
19	+0,458	+ 1,9	— 6,51	+11,9	+1	—3
29	+0,490	+ 4,5	— 5,32	+11,6	+1	—3
Aug. 8	+0,548	+ 7,2	— 4,19	+10,9	0	—2
18	+0,634	+10,0	— 3,15	+ 9,6	0	—2
28	+0,747	+12,8	— 2,27	+ 7,9	—1	—2
Sept. 7	+0,890	+15,7	— 1,58	+ 5,4	—1	—2
17	+1,061	+18,6	— 1,19	+ 2,8	—2	—2
27	+1,261	+21,5	— 1,02	— 0,2	—2	—2
Oct. 7	+1,490	+24,2	— 1,22	— 3,8	—2	—1
17	+1,745	+26,7	— 1,77	— 7,3	—3	—1
27	+2,024	+28,9	— 2,67	—10,8	—3	—1
Nov. 6	+2,323	+30,6	— 3,92	—14,1	—3	—1
16	+2,635	+31,5	— 5,49	—17,0	—3	—1
26	+2,953	+31,6	— 7,32	—19,4	—3	—1
Dec. 6	+3,267	+30,9	— 9,36	—21,2	—3	—1
16	+3,570	+29,2	—11,55	—22,3	—3	—1
26	+3,851	+26,5	—13,81	—22,6	—2	—1
36	+4,100	+23,1	—16,06	—22,2	—2	—1

	A. R. med.	Decl. med.
1770	9ʰ 16′ 17″,0249	— 7° 40′ 21″,441
1771	16 19,9731	40 36,578
1772	16 22,9213	40 51,719
1773	16 25,8695	41 6,862
1774	16 28,8177	41 22,009
1775	16 31,7658	41 37,157
1776	16 34,7139	41 52,309
1777	16 37,6620	42 7,463
1778	16 40,6101	42 22,620
1779	16 43,5582	42 37,780
1780	16 46,5063	42 52,942
1781	16 49,4544	43 8,108
1782	16 52,4024	43 23,276
1783	16 55,3504	43 38,446
1784	16 58,2984	43 53,620
1785	17 1,2464	44 8,796
1786	17 4,1944	44 23,975
1787	17 7,1424	44 39,156
1788	17 10,0904	44 54,340
1789	17 13,0383	45 9,527
1790	17 15,9862	45 24,717

Dici reducto addendum est:

ante } Aug. 9 { + 1
post } Aug. 9 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Leonis.*

		h ' "	° ' "			h ' "	° ' "
1770	Jan. 0	9 56 7,136	+ 13 4 49,36	1780	Jan. 1	9 56 37,362	+ 13 2 11,34
	Apr. 10	7,095	49,11		Apr. 10	37,426	11,40
	Jul. 19	7,045	48,93		Jul. 19	37,495	11,40
	Oct. 27	6,988	48,81		Oct. 27	37,571	11,34
	Dec. 66	6,922	48,75		Dec. 66	37,652	11,22
1771	Jan. 0	9 56 10,155	+ 13 4 31,57	1781	Jan. 0	9 56 40,834	+ 13 1 54,05
	Apr. 10	10,084	31,55		Apr. 10	40,918	53,89
	Jul. 19	10,008	31,60		Jul. 19	41,006	53,67
	Oct. 27	9,925	31,71		Oct. 27	41,097	53,41
	Dec. 66	9,837	31,89		Dec. 66	41,192	53,08
1772	Jan. 1	9 56 13,078	+ 13 4 14,63	1782	Jan. 0	9 56 44,370	+ 13 1 35,97
	Apr. 10	12,986	14,85		Apr. 10	44,466	35,61
	Jul. 19	12,891	15,13		Jul. 19	44,562	35,20
	Oct. 27	12,893	15,46		Oct. 27	44,659	34,75
	Dec. 66	12,692	15,86		Dec. 66	44,757	34,26
1773	Jan. 0	9 56 15,936	+ 13 3 58,52	1783	Jan. 0	9 56 47,934	+ 13 1 17,20
	Apr. 10	15,834	58,95		Apr. 10	48,031	16,68
	Jul. 19	15,732	59,43		Jul. 19	48,126	16,13
	Oct. 27	15,630	59,95		Oct. 27	48,219	15,54
	Dec. 66	15,529	4 0,51		Dec. 66	48,310	14,93
1774	Jan. 0	9 56 18,773	+ 13 3 43,12	1784	Jan. 1	9 56 51,489	+ 13 0 57,91
	Apr. 10	18,673	43,71		Apr. 10	51,577	57,28
	Jul. 19	18,576	44,32		Jul. 19	51,661	56,64
	Oct. 27	18,483	44,96		Oct. 27	51,740	55,99
	Dec. 66	18,393	45,63		Dec. 66	51,814	55,32
1775	Jan. 0	9 56 21,632	+ 13 3 28,20	1785	Jan. 0	9 56 54,999	+ 13 0 38,32
	Apr. 10	21,546	28,88		Apr. 10	55,069	37,65
	Jul. 19	21,466	29,56		Jul. 19	55,132	36,98
	Oct. 27	21,392	30,25		Oct. 27	55,288	36,33
	Dec. 66	21,325	30,94		Dec. 66	55,237	35,68
1776	Jan. 1	9 56 24,556	+ 13 3 13,51	1786	Jan. 0	9 56 58,431	+ 13 0 18,66
	Apr. 10	24,494	14,19		Apr. 10	58,475	18,02
	Jul. 19	24,440	14,86		Jul. 19	58,510	17,41
	Oct. 27	24,394	15,51		Oct. 27	58,537	16,83
	Dec. 66	24,357	16,14		Dec. 66	58,556	16,27
1777	Jan. 0	9 56 27,579	+ 13 2 58,72	1787	Jan. 0	9 57 1,759	+ 12 59 59,22
	Apr. 10	27,548	59,33		Apr. 10	1,772	58,69
	Jul. 19	27,525	59,91		Jul. 19	1,775	58,20
	Oct. 27	27,512	3 0,44		Oct. 27	1,769	57,75
	Dec. 66	27,509	0,94		Dec. 66	1,754	57,35
1778	Jan. 0	9 56 30,719	+ 13 2 43,57	1788	Jan. 1	9 57 4,969	+ 12 59 40,24
	Apr. 10	30,721	44,04		Apr. 10	4,947	39,87
	Jul. 19	30,733	44,46		Jul. 19	4,917	39,56
	Oct. 27	30,754	44,83		Oct. 27	4,878	39,31
	Dec. 66	30,784	45,14		Dec. 66	4,831	39,11
1779	Jan. 0	9 56 33,983	+ 13 2 27,83	1789	Jan. 0	9 57 8,057	+ 12 59 21,93
	Apr. 10	34,019	28,10		Apr. 10	8,003	21,78
	Jul. 19	34,062	28,32		Jul. 19	7,942	21,69
	Oct. 27	34,114	28,48		Oct. 27	7,874	21,66
	Dec. 66	34,173	28,58		Dec. 66	7,799	21,69

Tabulae X. Sect. II. *α Leonis.*

	1780		1780		Var. 10 annor.	
Jan. 0	+0,902″	+28,6	— 5,24″	—14,7	—3	+1
10	+1,172	+25,1	— 6,60	—12,4	—2	0
20	+1,404	+20,9	— 7,72	— 9,9	—2	0
30	+1,590	+16,2	— 8,57	— 7,2	—2	—1
Febr. 9	+1,727	+11,2	— 9,16	— 4,6	—1	—1
19	+1,813	+ 6,2	— 9,48	— 2,0	0	—1
Mart. 1	+1,850	+ 1,5	— 9,56	+ 0,3	0	—2
11	+1,842	— 2,8	— 9,43	+ 2,1	+1	—2
21	+1,794	— 6,4	— 9,14	+ 3,6	+1	—2
31	+1,714	— 9,2	— 8,72	+ 4,7	+2	—2
Apr. 10	+1,610	—11,3	— 8,20	+ 5,4	+2	—3
20	+1,489	—12,5	— 7,64	+ 5,8	+2	—3
30	+1,361	—12,9	— 7,05	+ 5,8	+3	—3
Maj. 10	+1,232	—12,7	— 6,48	+ 5,6	+3	—2
20	+1,108	—11,9	— 5,93	+ 5,3	+3	—2
30	+0,994	—10,7	— 5,42	+ 4,8	+3	—2
Jun. 9	+0,895	— 9,0	— 4,97	+ 4,2	+3	—2
19	+0,815	— 7,1	— 4,59	+ 3,5	+2	—2
29	+0,754	— 5,0	— 4,28	+ 2,7	+2	—2
Jul. 9	+0,715	— 2,8	— 4,05	+ 1,8	+2	—1
19	+0,698	— 0,5	— 3,92	+ 0,8	+1	—1
29	+0,705	+ 2,0	— 3,89	— 0,3	+1	—1
Aug. 8	+0,737	+ 4,5	— 3,98	— 1,6	0	—1
18	+0,795	+ 7,2	— 4,21	— 3,1	0	—1
28	+0,880	+ 9,9	— 4,59	— 4,7	—1	0
Sept. 7	+0,993	+12,8	— 5,15	— 6,6	—1	0
17	+1,136	+15,9	— 5,90	— 8,5	—2	0
27	+1,310	+19,0	— 6,84	—10,5	—2	0
Oct. 7	+1,515	+22,1	— 7,99	—12,5	—3	0
17	+1,752	+25,2	— 9,34	—14,4	—3	0
27	+2,018	+27,9	—10,87	—16,1	—4	0
Nov. 6	+2,310	+30,2	—12,55	—17,4	—4	0
16	+2,622	+32,0	—14,34	—18,2	—4	0
26	+2,950	+33,0	—16,19	—18,5	—4	0
Dec. 6	+3,282	+33,1	—18,04	—18,2	—4	—1
16	+3,612	+32,2	—19,83	—17,3	—4	—1
26	+3,926	+30,3	—21,50	—15,8	—4	—1
36	+4,217	+27,5	—22,99	—13,9	—4	—2

	A. R. med.	Decl. med.
1770	9h 56′ 6″,1258	+13° 4′ 56″,162
1771	56 9,3363	4 38,968
1772	56 12,5467	4 21,771
1773	56 15,7570	4 4,572
1774	56 18,9672	3 47,370
1775	56 22,1773	3 30,166
1776	56 25,3873	3 12,960
1777	56 28,5972	2 55,752
1778	56 31,8070	2 38,541
1779	56 35,0167	2 21,327
1780	56 38,2262	2 4,112
1781	56 41,4357	1 46,894
1782	56 44,6451	1 29,674
1783	56 47,8544	1 12,451
1784	56 51,0636	0 55,226
1785	56 54,2726	0 37,999
1786	56 57,4816	0 20,769
1787	57 0,6905	0 3,538
1788	57 3,8993	12 59 46,303
1789	57 7,1080	59 29,067
1790	57 10,3165	59 11,828

Diei reducto addendum est:

ante } Aug. 19 { + 1
post } Aug. 19 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Leonis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	11 37 19,749	+15 51 17,10	1780	Jan. 1	11 37 48,693	+15 48 9,25
	Apr. 10	19,703	17,21		Apr. 10	48,759	8,96
	Jul. 19	19,652	17,37		Jul. 19	48,830	8,63
	Oct. 27	19,592	17,60		Oct. 27	48,906	8,27
	Dec. 66	19,525	17,88		Dec. 66	48,987	7,87
1771	Jan. 0	11 37 22,619	+15 50 57,71	1781	Jan. 0	11 37 52,030	+15 47 47,94
	Apr. 10	22,547	58,03		Apr. 10	52,114	47,50
	Jul. 19	22,470	58,39		Jul. 19	52,201	47,04
	Oct. 27	22,387	58,80		Oct. 27	52,191	46,54
	Dec. 66	22,299	59,25		Dec. 66	52,384	46,01
1772	Jan. 1	11 37 25,400	+15 50 39,03	1782	Jan. 0	11 37 55,423	+15 47 26,12
	Apr. 10	25,309	39,51		Apr. 10	55,517	25,57
	Jul. 19	25,215	40,02		Jul. 19	55,611	25,01
	Oct. 27	25,119	40,57		Oct. 27	55,705	24,43
	Dec. 66	25,021	41,15		Dec. 66	55,800	23,84
1773	Jan. 0	11 37 28,125	+15 50 20,89	1783	Jan. 0	11 37 58,838	+15 47 3,97
	Apr. 10	28,025	21,48		Apr. 10	58,932	3,37
	Jul. 19	27,926	22,09		Jul. 19	59,023	2,77
	Oct. 27	27,828	22,71		Oct. 27	59,111	2,16
	Dec. 66	27,731	23,35		Dec. 66	59,197	1,56
1774	Jan. 0	11 37 30,834	+15 50 3,07	1784	Jan. 1	11 38 2,239	+15 46 41,69
	Apr. 10	30,738	3,70		Apr. 10	2,322	41,10
	Jul. 19	30,646	4,33		Jul. 19	2,401	40,52
	Oct. 27	30,558	4,95		Oct. 27	2,474	39,97
	Dec. 66	30,473	5,56		Dec. 66	2,542	39,43
1775	Jan. 0	11 37 33,572	+15 49 45,29	1785	Jan. 0	11 38 5,590	+15 46 19,54
	Apr. 10	33,491	45,89		Apr. 10	5,654	19,01
	Jul. 19	33,416	46,47		Jul. 19	5,711	18,52
	Oct. 27	33,348	47,01		Oct. 27	5,762	18,07
	Dec. 66	33,287	47,53		Dec. 66	5,805	17,65
1776	Jan. 1	11 37 36,377	+15 49 27,29	1786	Jan. 0	11 38 8,861	+15 45 57,71
	Apr. 10	36,321	27,78		Apr. 10	8,899	57,32
	Jul. 19	36,273	28,23		Jul. 19	8,929	56,97
	Oct. 27	36,233	28,64		Oct. 27	8,950	56,67
	Dec. 66	36,202	29,01		Dec. 66	8,963	56,42
1777	Jan. 0	11 37 39,282	+15 49 8,82	1787	Jan. 0	11 38 12,030	+15 45 36,43
	Apr. 10	39,257	9,15		Apr. 10	12,037	36,21
	Jul. 19	39,240	9,43		Jul. 19	12,035	36,04
	Oct. 27	39,233	9,65		Oct. 27	12,024	35,93
	Dec. 66	39,234	9,81		Dec. 66	12,005	35,88
1778	Jan. 0	11 37 42,303	+15 48 49,70	1788	Jan. 1	11 38 15,082	+15 45 15,82
	Apr. 10	42,311	49,83		Apr. 10	15,056	15,81
	Jul. 19	42,327	49,91		Jul. 19	15,022	15,85
	Oct. 27	42,352	49,93		Oct. 27	14,980	15,95
	Dec. 66	42,385	49,89		Dec. 66	14,930	16,11
1779	Jan. 0	11 37 45,443	+15 48 29,84	1789	Jan. 0	11 38 18,017	+15 44 55,98
	Apr. 10	45,482	29,76		Apr. 10	17,961	56,17
	Jul. 19	45,529	29,63		Jul. 19	17,898	56,42
	Oct. 27	45,583	29,46		Oct. 27	17,829	56,72
	Dec. 66	45,644	29,24		Dec. 66	17,753	57,08

Tabulae X. Sect. II. β *Leonis.*

	1780		1780		Var. 10 annor.	
Jan. 0	+0,365″	+33,2	− 6,85″	−18,2	−3	+2
10	+0,689	+31,3	− 8,55	−15,6	−3	+1
20	+0,990	+28,5	− 9,96	−12,5	−3	+1
30	+1,259	+24,9	−11,05	− 9,2	−3	0
Febr. 9	+1,438	+20,8	−11,79	− 5,7	−2	0
19	+1,674	+16,3	−12,19	− 2,4	−2	−1
Mart. 1	+1,813	+11,7	−12,26	+ 0,8	−1	−1
11	+1,908	+ 7,3	−12,03	+ 3,5	−1	−1
21	+1,959	+ 3,2	−11,56	+ 5,8	0	−2
31	+1,971	− 0,5	−10,88	+ 7,6	0	−2
Apr. 10	+1,950	− 3,5	−10,05	+ 8,8	+1	−2
20	+1,901	− 6,1	− 9,13	+ 9,4	+1	−2
30	+1,829	− 8,0	− 8,17	+ 9,6	+2	−2
Maj. 10	+1,742	− 9,2	− 7,22	+ 9,3	+2	−2
20	+1,645	−10,1	− 6,31	+ 8,7	+2	−2
30	+1,541	−10,5	− 5,49	+ 7,7	+3	−2
Jun. 9	+1,435	−10,5	− 4,77	+ 6,6	+3	−2
19	+1,331	−10,3	− 4,17	+ 5,3	+3	−2
29	+1,230	− 9,7	− 3,72	+ 3,8	+3	−2
Jul. 9	+1,137	− 8,9	− 3,42	+ 2,2	+3	−1
19	+1,053	− 7,8	− 3,29	+ 0,5	+2	−1
29	+0,982	− 6,4	− 3,33	− 1,3	+2	−1
Aug. 8	+0,925	− 4,8	− 3,55	− 3,2	+2	0
18	+0,886	− 2,8	− 3,96	− 5,1	+1	0
28	+0,870	− 0,4	− 4,57	− 7,2	+1	0
Sept. 7	+0,879	+ 2,4	− 5,40	− 9,4	0	0
17	+0,918	+ 5,6	− 6,44	−11,6	0	+1
27	+0,991	+ 9,1	− 7,71	−13,8	−1	+1
Oct. 7	+1,100	+12,9	− 9,19	−15,9	−1	+1
17	+1,249	+17,0	−10,89	−18,0	−2	+2
27	+1,439	+20,9	−12,78	−19,8	−2	+2
Nov. 6	+1,667	+24,7	−14,84	−21,2	−3	+2
16	+1,932	+28,1	−17,01	−22,1	−3	+2
26	+2,229	+30,9	−19,25	−22,5	−4	+2
Dec. 6	+2,549	+32,8	−21,50	−22,2	−4	+2
16	+2,885	+33,8	−23,68	−21,2	−4	+2
26	+3,225	+33,7	−25,74	−19,6	−4	+2
36	+3,559	+32,6	−27,59	−17,3	−4	+1

	A. R. med.	Decl. med.
1770	11h 37′ 18″,7925	+15° 51′ 23″,760
1771	37 21,8634	51 3,694
1772	37 24,9342	50 43,628
1773	37 28,0049	50 23,562
1774	37 31,0756	50 3,495
1775	37 34,1462	49 43,429
1776	37 37,2167	49 23,362
1777	37 40,2871	49 3,294
1778	37 43,3574	48 43,226
1779	37 46,4277	48 23,158
1780	37 49,4979	48 3,088
1781	37 52,5680	47 43,019
1782	37 55,6380	47 22,950
1783	37 58,7080	47 2,880
1784	38 1,7779	46 42,810
1785	38 4,8477	46 22,739
1786	38 7,9174	46 2,668
1787	38 10,9870	45 42,597
1788	38 14,0566	45 22,525
1789	38 17,1261	45 2,453
1790	38 20,1956	44 42,380

Diei reducto addendum est:

ante } Sept. 16 { + 1
post } Sept. 16 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Virginis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	11 38 43,876	+ 3 3 30,20	1780	Jan. 1	11 39 13,274	+ 3 0 20,22
	Apr. 10	43,844	30,32		Apr. 10	13,328	19,94
	Jul. 19	43,804	30,49		Jul. 19	13,389	19,62
	Oct. 27	43,755	30,72		Oct. 27	13,455	19,25
	Dec. 66	43,699	31,00		Dec. 66	13,528	18,84
1771	Jan. 0	11 38 46,844	+ 3 3 10,62	1781	Jan. 0	11 39 16,628	+ 2 59 58,71
	Apr. 10	46,783	10,94		Apr. 10	16,704	58,28
	Jul. 19	46,715	11,31		Jul. 19	16,784	57,81
	Oct. 27	46,642	11,72		Oct. 27	16,868	57,31
	Dec. 66	46,562	12,18		Dec. 66	16,955	56,77
1772	Jan. 1	11 38 49,714	+ 3 2 51,74	1782	Jan. 0	11 39 20,050	+ 2 59 36,68
	Apr. 10	49,631	52,23		Apr. 10	20,139	36,13
	Jul. 19	49,544	52,75		Jul. 19	20,229	35,57
	Oct. 27	49,454	53,30		Oct. 27	20,321	34,99
	Dec. 66	49,360	53,88		Dec. 66	20,414	34,39
1773	Jan. 0	11 38 52,516	+ 3 2 33,41	1783	Jan. 0	11 39 23,507	+ 2 59 14,31
	Apr. 10	52,420	34,00		Apr. 10	23,600	13,71
	Jul. 19	52,324	34,61		Jul. 19	23,692	13,11
	Oct. 27	52,228	35,23		Oct. 27	23,782	12,51
	Dec. 66	52,131	35,87		Dec. 66	23,870	11,91
1774	Jan. 0	11 38 55,288	+ 3 2 15,38	1784	Jan. 1	11 39 26,965	+ 2 58 51,83
	Apr. 10	55,191	16,02		Apr. 10	27,052	51,24
	Jul. 19	55,097	16,65		Jul. 19	27,135	50,67
	Oct. 27	55,006	17,27		Oct. 27	27,214	50,11
	Dec. 66	54,918	17,88		Dec. 66	27,288	49,57
1775	Jan. 0	11 38 58,072	+ 3 1 57,40	1785	Jan. 0	11 39 30,388	+ 2 58 29,47
	Apr. 10	57,986	58,00		Apr. 10	30,460	28,95
	Jul. 19	57,906	58,57		Jul. 19	30,525	28,47
	Oct. 27	57,831	59,11		Oct. 27	30,584	28,02
	Dec. 66	57,762	59,62		Dec. 66	30,637	27,60
1776	Jan. 1	11 39 0,909	+ 3 1 39,18	1786	Jan. 0	11 39 33,745	+ 2 58 7,45
	Apr. 10	0,844	39,67		Apr. 10	33,793	7,06
	Jul. 19	0,787	40,12		Jul. 19	33,833	6,72
	Oct. 27	0,737	40,52		Oct. 27	33,866	6,48
	Dec. 66	0,695	40,88		Dec. 66	33,891	6,18
1777	Jan. 0	11 39 3,833	+ 3 1 20,49	1787	Jan. 0	11 39 37,008	+ 2 57 45,98
	Apr. 10	3,796	20,81		Apr. 10	37,027	45,77
	Jul. 19	3,768	21,08		Jul. 19	37,038	45,62
	Oct. 27	3,748	21,30		Oct. 27	37,040	45,51
	Dec. 66	3,737	21,47		Dec. 66	37,033	45,45
1778	Jan. 0	11 39 6,865	+ 3 1 1,14	1788	Jan. 1	11 39 40,161	+ 2 57 25,19
	Apr. 10	6,860	1,27		Apr. 10	40,147	25,18
	Jul. 19	6,863	1,34		Jul. 19	40,127	25,22
	Oct. 27	6,876	1,35		Oct. 27	40,096	25,33
	Dec. 66	6,897	1,31		Dec. 66	40,059	25,49
1779	Jan. 0	11 39 10,014	+ 3 0 41,05	1789	Jan. 0	11 39 43,197	+ 2 57 5,15
	Apr. 10	10,041	40,97		Apr. 10	43,153	5,30
	Jul. 19	10,075	40,84		Jul. 19	43,102	5,61
	Oct. 27	10,117	40,65		Oct. 27	43,043	5,91
	Dec. 66	10,166	40,41		Dec. 66	42,977	6,27

Tabulae X. Sect. II. β *Virginis.*

	1780		1780		Var. 10 annor.	
Jan. 0	+0″,352	+32,5	−2″,60	−20,8	−3	+2
10	+0,669	+30,6	−4,62	−19,4	−3	+2
20	+0,963	+27,8	−6,48	−17,5	−3	+2
30	+1,224	+24,3	−8,12	−15,2	−2	+1
Febr. 9	+1,448	+20,3	−9,51	−12,6	−2	+1
19	+1,629	+16,0	−10,63	−9,8	−1	+1
Mart. 1	+1,767	+11,7	−11,46	−6,9	−1	0
11	+1,862	+7,5	−12,01	−4,3	0	0
21	+1,916	+3,6	−12,32	−1,9	0	−1
31	+1,934	+0,2	−12,39	+0,3	+1	−1
Apr. 10	+1,920	−2,8	−12,27	+2,0	+1	−1
20	+1,879	−5,1	−11,99	+3,4	+2	−1
30	+1,819	−6,8	−11,59	+4,5	+2	−2
Maj. 10	+1,744	−8,1	−11,09	+5,3	+2	−2
20	+1,657	−9,0	−10,54	+5,8	+3	−2
30	+1,565	−9,4	−9,94	+6,1	+3	−2
Jun. 9	+1,470	−9,5	−9,33	+6,1	+3	−2
19	+1,376	−9,3	−8,73	+6,0	+3	−2
29	+1,284	−8,9	−8,14	+5,7	+3	−2
Jul. 9	+1,198	−8,2	−7,59	+5,3	+3	−2
19	+1,120	−7,3	−7,09	+4,7	+3	−2
29	+1,052	−6,1	−6,66	+3,8	+2	−1
Aug. 8	+0,999	−4,5	−6,33	+2,8	+2	−1
18	+0,962	−2,6	−6,11	+1,5	+2	−1
28	+0,947	−0,3	−6,03	−0,1	+1	−1
Sept. 7	+0,956	+2,4	−6,12	−1,9	+1	−1
17	+0,995	+5,6	−6,41	−4,0	0	0
27	+1,067	+9,1	−6,92	−6,4	0	0
Oct. 7	+1,176	+12,9	−7,68	−8,9	−1	0
17	+1,324	+16,8	−8,70	−11,5	−1	+1
27	+1,512	+20,7	−9,97	−14,0	−2	+1
Nov. 6	+1,738	+24,4	−11,49	−16,4	−2	+1
16	+2,000	+27,8	−13,24	−18,4	−3	+2
26	+2,293	+30,4	−15,17	−20,1	−3	+2
Dec. 6	+2,608	+32,3	−17,25	−21,2	−3	+2
16	+2,938	+33,2	−19,40	−21,5	−3	+2
26	+3,272	+33,0	−21,55	−21,3	−3	+2
36	+3,598	+31,9	−23,65	−20,4	−3	+2

	A. R. med.	Decl. med.
1770	11ʰ 38′ 42″,8917	+ 3° 3′ 36″,849
1771	38 46,0164	3 16,576
1772	38 49,1411	2 56,303
1773	38 52,2658	2 36,030
1774	38 55,3905	2 15,756
1775	38 58,5153	1 55,482
1776	39 1,6400	1 35,208
1777	39 4,7647	1 14,933
1778	39 7,8894	0 54,658
1779	39 11,0141	0 34,383
1780	39 14,1387	0 14,108
1781	39 17,2634	2 59 53,832
1782	39 20,3881	59 33,556
1783	39 23,5128	59 13,279
1784	39 26,6375	58 53,002
1785	39 29,7620	58 32,724
1786	39 32,8867	58 12,446
1787	39 36,0113	57 52,168
1788	39 39,1359	57 31,890
1789	39 42,2606	57 11,611
1790	39 45,3852	56 51,333

Diei reducto addendum est:

ante } Sept. 16 { + 1
post } Sept. 16 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Virginis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	13 13 7,306	— 9 57 19,78	1780	Jan. 1	13 13 36,715	— 10 0 21,38
	Apr. 10	7,284	19,35		Apr. 10	36,761	21,92
	Jul. 19	7,254	18,88		Jul. 19	36,814	22,48
	Oct. 27	7,216	18,37		Oct. 27	36,874	23,06
	Dec. 66	7,169	17,82		Dec. 66	36,940	23,67
1771	Jan. 0	13 13 10,325	— 9 57 37,11	1781	Jan. 0	13 13 40,058	— 10 0 42,55
	Apr. 10	10,273	36,54		Apr. 10	40,128	43,17
	Jul. 19	10,213	35,94		Jul. 19	40,203	43,79
	Oct. 27	10,146	35,38		Oct. 27	40,283	44,41
	Dec. 66	10,072	34,69		Dec. 66	40,368	45,04
1772	Jan. 1	13 13 13,237	— 9 57 54,00	1782	Jan. 0	13 13 43,480	— 10 1 3,92
	Apr. 10	13,159	53,35		Apr. 10	43,568	4,54
	Jul. 19	13,076	52,71		Jul. 19	43,658	5,15
	Oct. 27	12,988	52,06		Oct. 27	43,750	5,75
	Dec. 66	12,896	51,40		Dec. 66	43,844	6,34
1773	Jan. 0	13 13 16,067	— 9 58 10,72	1783	Jan. 0	13 13 46,953	— 10 1 25,23
	Apr. 10	15,972	10,08		Apr. 10	47,048	25,80
	Jul. 19	15,876	9,45		Jul. 19	47,143	26,34
	Oct. 27	15,778	8,85		Oct. 27	47,237	26,85
	Dec. 66	15,678	8,26		Dec. 66	47,330	27,33
1774	Jan. 0	13 13 18,851	— 9 58 27,55	1784	Jan. 1	13 13 50,440	— 10 1 46,25
	Apr. 10	18,751	26,98		Apr. 10	50,533	46,71
	Jul. 19	18,653	26,45		Jul. 19	50,623	47,12
	Oct. 27	18,556	25,96		Oct. 27	50,709	47,49
	Dec. 66	18,461	25,51		Dec. 66	50,793	47,81
1775	Jan. 0	13 13 21,633	— 9 58 44,75	1785	Jan. 0	13 13 53,907	— 10 2 6,79
	Apr. 10	21,540	44,33		Apr. 10	53,987	7,08
	Jul. 19	21,451	43,97		Jul. 19	54,062	7,31
	Oct. 27	21,367	43,65		Oct. 27	54,131	7,50
	Dec. 66	21,288	43,39		Dec. 66	54,195	7,63
1776	Jan. 1	13 13 24,454	— 9 59 2,57	1786	Jan. 0	13 13 57,316	— 10 2 26,67
	Apr. 10	24,379	2,35		Apr. 10	57,375	26,76
	Jul. 19	24,311	2,18		Jul. 19	57,428	26,80
	Oct. 27	24,250	2,08		Oct. 27	57,473	26,77
	Dec. 66	24,196	2,03		Dec. 66	57,511	26,69
1777	Jan. 0	13 13 27,353	— 9 59 21,14	1787	Jan. 0	13 14 0,639	— 10 2 45,80
	Apr. 10	27,304	21,13		Apr. 10	0,670	45,68
	Jul. 19	27,264	21,19		Jul. 19	0,693	45,51
	Oct. 27	27,232	21,30		Oct. 27	0,707	45,28
	Dec. 66	27,209	21,48		Dec. 66	0,713	44,99
1778	Jan. 0	13 13 30,357	— 9 59 40,51	1788	Jan. 1	13 14 3,854	— 10 3 4,17
	Apr. 10	30,340	40,72		Apr. 10	3,853	3,84
	Jul. 19	30,331	40,99		Jul. 19	3,843	3,47
	Oct. 27	30,332	41,30		Oct. 27	3,824	3,05
	Dec. 66	30,341	41,67		Dec. 66	3,796	2,59
1779	Jan. 0	13 13 33,478	— 10 0 0,63	1789	Jan. 0	13 14 6,948	— 10 3 21,82
	Apr. 10	33,493	1,03		Apr. 10	6,915	21,34
	Jul. 19	33,517	1,47		Jul. 19	6,873	20,80
	Oct. 27	33,549	1,95		Oct. 27	6,823	20,24
	Dec. 66	33,589	2,46		Dec. 66	6,765	19,65

Tabulae X. Sect. II. *α Virginis.*

	1780		1780		Var. 10 annor.	
Jan. 0	−0″,191	+33,4	+ 2″,13	−20,2	−3	+2
10	+0,143	+33,1	+ 0,08	−20,5	−3	+2
20	+0,470	+31,9	− 1,96	−20,1	−3	+2
30	+0,780	+29,8	− 3,94	−19,2	−3	+2
Febr. 9	+1,065	+27,0	− 5,80	−17,8	−2	+2
19	+1,319	+23,8	− 7,49	−15,9	−2	+2
Mart. 1	+1,540	+20,3	− 8,98	−13,8	−2	+2
11	+1,724	+16,6	−10,24	−11,5	−1	+2
21	+1,872	+13,1	−11,27	− 9,2	0	+2
31	+1,986	+ 9,7	−12,08	− 7,0	0	+1
Apr. 10	+2,066	+ 6,6	−12,66	− 4,9	+1	+1
20	+2,117	+ 3,8	−13,05	− 3,0	+1	+1
30	+2,141	+ 1,2	−13,25	− 1,3	+2	+1
Maj. 10	+2,140	− 1,2	−13,30	+ 0,2	+2	0
20	+2,118	− 3,2	−13,21	+ 1,6	+3	0
30	+2,076	− 5,1	−12,99	+ 2,7	+3	0
Jun. 9	+2,017	− 6,6	−12,68	+ 3,6	+3	0
19	+1,944	− 8,0	−12,28	+ 4,4	+3	−1
29	+1,857	− 9,3	−11,81	+ 5,1	+4	−1
Jul. 9	+1,759	−10,2	−11,27	+ 5,6	+4	−1
19	+1,653	−10,8	−10,69	+ 6,0	+4	−1
29	+1,543	−11,0	−10,07	+ 6,3	+3	−1
Aug. 8	+1,433	−10,8	− 9,44	+ 6,3	+3	−1
18	+1,328	−10,0	− 8,82	+ 6,0	+3	−1
28	+1,234	− 8,6	− 8,24	+ 5,5	+3	−1
Sept. 7	+1,157	− 6,5	− 7,73	+ 4,6	+2	−1
17	+1,104	− 3,8	− 7,33	+ 3,3	+2	−1
27	+1,082	− 0,4	− 7,08	+ 1,6	+1	0
Oct. 7	+1,096	+ 3,6	− 7,02	− 0,6	+1	0
17	+1,153	+ 8,0	− 7,19	− 3,0	0	0
27	+1,255	+12,6	− 7,61	− 5,6	0	+1
Nov. 6	+1,404	+17,2	− 8,31	− 8,4	−1	+1
16	+1,599	+21,7	− 9,29	−11,3	−1	+2
26	+1,837	+25,7	−10,56	−13,9	−1	+2
Dec. 6	+2,112	+29,0	−12,07	−16,3	−2	+3
16	+2,417	+31,5	−13,81	−18,2	−2	+3
26	+2,741	+32,9	−15,71	−19,6	−2	+3
36	+3,075	+33,4	−17,72	−20,4	−2	+4

	A. R. med.	Decl. med.
1770	13ʰ 13′ 6″,2634	− 9° 57′ 14″,425
1771	13 9,4032	57 33,528
1772	13 12,5431	57 52,628
1773	13 15,6331	58 11,728
1774	13 18,8232	58 30,826
1775	13 21,9634	58 49,923
1776	13 25,1037	59 9,018
1777	13 28,2442	59 28,112
1778	13 31,3848	59 47,204
1779	13 34,5255	−10 0 6,295
1780	13 37,6663	0 25,384
1781	13 40,8072	0 44,472
1782	13 43,9482	1 3,558
1783	13 47,0893	1 22,642
1784	13 50,2305	1 41,725
1785	13 53,3719	2 0,806
1786	13 56,5134	2 19,886
1787	13 59,6550	2 38,964
1788	14 2,7967	2 58,041
1789	14 5,9385	3 17,116
1790	14 9,0804	3 36,190

Diei reducto addendum est:

ante } Oct. 12 { + 1
post } Oct. 12 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Bootis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	14 5 11,506	+20 23 14,37	1780	Jan. 1	14 5 37,258	+20 20 10,06
	Apr. 10	11,462	14,95		Apr. 10	37,320	9,41
	Jul. 19	11,412	15,55		Jul. 19	37,387	8,76
	Oct. 27	11,355	16,18		Oct. 27	37,458	8,10
	Dec. 66	11,291	16,84		Dec. 66	37,534	7,43
1771	Jan. 0	14 5 14,045	+20 22 57,50	1781	Jan. 0	14 5 40,240	+20 19 48,56
	Apr. 10	13,977	58,17		Apr. 10	40,319	47,88
	Jul. 19	13,905	58,85		Jul. 19	40,400	47,22
	Oct. 27	13,828	59,54		Oct. 27	40,483	46,57
	Dec. 66	13,746	23 0,23		Dec. 66	40,568	45,94
1772	Jan. 1	14 5 16,505	+20 22 40,89	1782	Jan. 0	14 5 43,271	+20 19 27,06
	Apr. 10	16,421	41,58		Apr. 10	43,357	26,44
	Jul. 19	16,335	42,25		Jul. 19	43,443	25,84
	Oct. 27	16,247	42,91		Oct. 27	43,529	25,28
	Dec. 66	16,156	43,56		Dec. 66	43,614	24,74
1773	Jan. 0	14 5 18,918	+20 22 24,23	1783	Jan. 0	14 5 46,318	+20 19 5,82
	Apr. 10	18,827	24,86		Apr. 10	46,403	5,31
	Jul. 19	18,737	25,45		Jul. 19	46,485	4,85
	Oct. 27	18,648	25,00		Oct. 27	46,564	4,43
	Dec. 66	18,561	26,52		Dec. 66	46,641	4,05
1774	Jan. 0	14 5 21,321	+20 22 7,24	1784	Jan. 1	14 5 49,347	+20 18 45,08
	Apr. 10	21,235	7,73		Apr. 10	49,421	44,74
	Jul. 19	21,152	8,16		Jul. 19	49,491	44,45
	Oct. 27	21,074	8,54		Oct. 27	49,556	44,21
	Dec. 66	20,999	8,87		Dec. 66	49,616	44,03
1775	Jan. 0	14 5 23,755	+20 21 49,66	1785	Jan. 0	14 5 52,329	+20 18 25,00
	Apr. 10	23,683	49,95		Apr. 10	52,385	24,86
	Jul. 19	23,618	50,17		Jul. 19	52,434	24,78
	Oct. 27	23,558	50,34		Oct. 27	52,477	24,76
	Dec. 66	23,505	50,44		Dec. 66	52,514	24,80
1776	Jan. 1	14 5 26,254	+20 21 31,30	1786	Jan. 0	14 5 55,234	+20 18 5,70
	Apr. 10	26,205	31,36		Apr. 10	55,266	5,78
	Jul. 19	26,164	31,35		Jul. 19	55,290	5,92
	Oct. 27	26,131	31,28		Oct. 27	55,306	6,12
	Dec. 66	26,106	31,15		Dec. 66	55,315	6,38
1777	Jan. 0	14 5 28,845	+20 21 12,10	1787	Jan. 0	14 5 58,045	+20 17 47,21
	Apr. 10	28,825	11,92		Apr. 10	58,048	47,51
	Jul. 19	28,814	11,68		Jul. 19	58,043	47,86
	Oct. 27	28,810	11,38		Oct. 27	58,030	48,26
	Dec. 66	28,815	11,02		Dec. 66	58,009	48,72
1778	Jan. 0	14 5 31,545	+20 20 52,04	1788	Jan. 1	14 6 0,748	+20 17 29,48
	Apr. 10	31,555	51,66		Apr. 10	0,722	29,97
	Jul. 19	31,573	51,24		Jul. 19	0,688	30,49
	Oct. 27	31,599	50,76		Oct. 27	0,647	31,06
	Dec. 66	31,633	50,23		Dec. 66	0,598	31,66
1779	Jan. 0	14 5 34,353	+20 20 31,31	1789	Jan. 0	14 6 3,347	+20 17 12,38
	Apr. 10	34,392	30,76		Apr. 10	3,293	13,00
	Jul. 19	34,437	30,19		Jul. 19	3,233	13,64
	Oct. 27	34,488	29,58		Oct. 27	3,168	14,31
	Dec. 66	34,546	28,95		Dec. 66	3,096	14,99

Tabulae X. Sect. II. *α Bootis.*

	1780		1780		Var. 10 annor.	
Jan. 0	−0″,534	+32,3	− 7″,64	−24,3	−3	+2
10	−0,208	+32,9	− 9,95	−21,6	−3	+2
20	+0,124	+33,0	−11,96	−18,3	−3	+2
30	+0,451	+32,0	−13,60	−14,4	−3	+2
Febr. 9	+0,763	+30,1	−14,83	−10,1	−3	+1
19	+1,053	+27,6	−15,61	− 5,6	−3	+1
Mart. 1	+1,314	+24,6	−15,95	− 1,2	−2	+1
11	+1,544	+21,3	−15,85	+ 3,0	−2	0
21	+1,739	+17,7	−15,35	+ 6,8	−2	0
31	+1,898	+14,2	−14,50	+10,0	−1	0
Apr. 10	+2,022	+10,7	−13,36	+12,6	−1	−1
20	+2,112	+ 7,4	−11,99	+14,4	0	−1
30	+2,170	+ 4,3	−10,48	+15,5	0	−1
Maj. 10	+2,198	+ 1,4	− 8,89	+16,0	+1	−1
20	+2,198	− 1,3	− 7,29	+15,7	+1	−1
30	+2,172	− 3,8	− 5,75	+14,9	+1	−1
Jun. 9	+2,122	− 6,1	− 4,31	+13,7	+2	−1
19	+2,050	− 8,2	− 3,02	+11,9	+2	−1
29	+1,958	−10,1	− 1,93	+ 9,9	+2	−1
Jul. 9	+1,849	−11,7	− 1,05	+ 7,6	+3	−1
19	+1,725	−12,9	− 0,42	+ 5,1	+3	0
29	+1,591	−13,8	− 0,04	+ 2,4	+3	0
Aug. 8	+1,449	−14,3	+ 0,06	− 0,4	+3	0
18	+1,306	−14,1	− 0,12	− 3,3	+3	0
28	+1,168	−13,3	− 0,59	− 6,2	+3	+1
Sept. 7	+1,040	−11,9	− 1,35	− 9,1	+2	+1
17	+0,931	− 9,7	− 2,41	−12,0	+2	+2
27	+0,847	− 6,8	− 3,75	−14,9	+2	+2
Oct. 7	+0,796	− 3,1	− 5,38	−17,7	+1	+2
17	+0,785	+ 1,2	− 7,28	−20,3	+1	+3
27	+0,819	+ 5,8	− 9,44	−22,7	0	+3
Nov. 6	+0,900	+10,7	−11,82	−24,7	0	+4
16	+1,032	+15,7	−14,37	−26,2	−1	+4
26	+1,213	+20,3	−17,06	−27,2	−1	+4
Dec. 6	+1,438	+24,6	−19,80	−27,4	−2	+4
16	+1,704	+28,1	−22,54	−26,9	−2	+5
26	+2,000	+30,8	−25,18	−25,5	−2	+5
36	+2,319	+32,5	−27,64	−23,4	−3	+4

	A. R. med.	Decl. med.
1770	14ʰ 5′ 10″,6508	+20° 23′ 18″,597
1771	5 13,3825	22 59,482
1772	5 16,1142	22 40,368
1773	5 18,8459	22 21,256
1774	5 21,5776	22 2,146
1775	5 24,3093	21 43,038
1776	5 27,0410	21 23,932
1777	5 29,7727	21 4,829
1778	5 32,5045	20 45,728
1779	5 35,2363	20 26,629
1780	5 37,9681	20 7,532
1781	5 40,6999	19 48,437
1782	5 43,4317	19 29,344
1783	5 46,1635	19 10,254
1784	5 48,8953	18 51,166
1785	5 51,6272	18 32,080
1786	5 54,3591	18 12,996
1787	5 57,0910	17 53,914
1788	5 59,8229	17 34,835
1789	6 2,5548	17 15,757
1790	6 5,2867	16 56,682

Diei reducto addendum est:

ante } Oct. 26 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. 1 *α Librae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	14 38 1,200	— 15 1 42,56	1780	Jan. 1	14 38 32,017	— 15 4 13,07
	Apr. 10	1,179	41,90		Apr. 10	32,063	13,77
	Jul. 19	1,150	41,23		Jul. 19	32,117	14,47
	Oct. 27	1,111	40,54		Oct. 27	32,178	15,17
	Dec. 66	1,063	39,83		Dec. 66	32,247	15,86
1771	Jan. 0	14 38 4,372	— 15 1 55,62	1781	Jan. 0	14 38 35,516	— 15 4 31,16
	Apr. 10	4,318	54,91		Apr. 10	35,589	31,85
	Jul. 19	4,256	54,19		Jul. 19	35,667	32,52
	Oct. 27	4,187	53,48		Oct. 27	35,750	33,16
	Dec. 66	4,111	52,77		Dec. 66	35,839	33,79
1772	Jan. 1	14 38 7,429	— 15 2 8,56	1782	Jan. 0	14 38 39,102	— 15 4 49,11
	Apr. 10	7,348	7,86		Apr. 10	39,193	49,71
	Jul. 19	7,261	7,19		Jul. 19	39,287	50,28
	Oct. 27	7,170	6,54		Oct. 27	39,383	50,80
	Dec. 66	7,073	5,92		Dec. 66	39,482	51,30
1773	Jan. 0	14 38 10,398	— 15 2 21,67	1783	Jan. 0	14 38 42,742	— 15 5 6,66
	Apr. 10	10,299	21,07		Apr. 10	42,842	7,12
	Jul. 19	10,198	20,52		Jul. 19	42,941	7,53
	Oct. 27	10,095	20,02		Oct. 27	43,040	7,88
	Dec. 66	9,990	19,56		Dec. 66	43,139	8,19
1774	Jan. 0	14 38 13,317	— 15 2 35,26	1784	Jan. 1	14 38 46,399	— 15 5 23,61
	Apr. 10	13,212	34,83		Apr. 10	46,497	23,87
	Jul. 19	13,109	34,47		Jul. 19	46,592	24,08
	Oct. 27	13,007	34,17		Oct. 27	46,684	24,22
	Dec. 66	12,906	33,93		Dec. 66	46,772	24,30
1775	Jan. 0	14 38 16,232	— 15 2 49,54	1785	Jan. 0	14 38 50,037	— 15 5 39,80
	Apr. 10	16,133	49,35		Apr. 10	50,122	39,84
	Jul. 19	16,039	49,22		Jul. 19	50,202	39,82
	Oct. 27	15,950	49,16		Oct. 27	50,276	39,73
	Dec. 66	15,866	49,16		Dec. 66	50,344	39,58
1776	Jan. 1	14 38 19,186	— 15 3 4,69	1786	Jan. 0	14 38 53,616	— 15 5 55,15
	Apr. 10	19,106	4,74		Apr. 10	53,680	54,96
	Jul. 19	19,033	4,86		Jul. 19	53,736	54,71
	Oct. 27	18,967	5,04		Oct. 27	53,784	54,40
	Dec. 66	18,909	5,29		Dec. 66	53,825	54,03
1777	Jan. 0	14 38 22,220	— 15 3 20,74	1787	Jan. 0	14 38 57,106	— 15 6 9,67
	Apr. 10	22,167	21,03		Apr. 10	57,141	9,26
	Jul. 19	22,123	21,37		Jul. 19	57,167	8,81
	Oct. 27	22,088	21,77		Oct. 27	57,183	8,31
	Dec. 66	22,062	22,23		Dec. 66	57,190	7,76
1778	Jan. 0	14 38 25,362	— 15 3 37,61	1788	Jan. 1	14 39 0,483	— 15 6 23,45
	Apr. 10	25,342	38,10		Apr. 10	0,484	22,87
	Jul. 19	25,332	38,63		Jul. 19	0,476	22,26
	Oct. 27	25,331	39,20		Oct. 27	0,458	21,62
	Dec. 66	25,339	39,81		Dec. 66	0,430	20,95
1779	Jan. 0	14 38 28,628	— 15 3 55,13	1789	Jan. 0	14 39 3,735	— 15 6 36,68
	Apr. 10	28,643	55,77		Apr. 10	3,701	35,99
	Jul. 19	28,666	56,42		Jul. 19	3,658	35,29
	Oct. 27	28,698	57,09		Oct. 27	3,607	34,58
	Dec. 66	28,738	57,77		Dec. 66	3,548	33,85

Tabulae X. Sect. II. 1 *α Librae.*

	1780		1780		Var. 10 annor.	
	″		″			
Jan. 0	−0,674	+31,7	+ 3,41	−15,5	−3	+1
10	−0,349	+32,9	+ 1,80	−16,4	−3	+1
20	−0,016	+33,2	+ 0,13	−16,8	−3	+2
30	+0,315	+32,6	− 1,56	−16,7	−3	+2
Febr. 9	+0,636	+31,2	− 3,20	−16,0	−3	+2
19	+0,939	+29,2	− 4,75	−14,8	−3	+2
Mart. 1	+1,220	+26,8	− 6,16	−13,3	−2	+2
11	+1,475	+24,1	− 7,41	−11,6	−2	+3
21	+1,702	+21,3	− 8,48	− 9,8	−1	+3
31	+1,900	+18,4	− 9,36	− 7,9	−1	+3
Apr. 10	+2,069	+15,4	−10,06	− 6,2	0	+2
20	+2,208	+12,6	−10,59	− 4,5	0	+2
30	+2,320	+ 9,8	−10,96	− 3,0	+1	+2
Maj. 10	+2,403	+ 6,9	−11,19	− 1,7	+1	+2
20	+2,458	+ 4,2	−11,30	− 0,6	+2	+2
30	+2,487	+ 1,6	−11,31	+ 0,4	+2	+2
Jun. 9	+2,489	− 1,2	−11,23	+ 1,3	+3	+2
19	+2,464	− 3,8	−11,06	+ 2,0	+3	+1
29	+2,414	− 6,3	−10,83	+ 2,7	+4	+1
Jul. 9	+2,339	− 8,6	−10,52	+ 3,4	+4	+1
19	+2,242	−10,6	−10,16	+ 3,9	+4	+1
29	+2,127	−12,2	− 9,74	+ 4,4	+4	+1
Aug. 8	+1,998	−13,4	− 9,28	+ 4,9	+4	0
18	+1,860	−13,9	− 8,77	+ 5,1	+4	0
28	+1,720	−13,7	− 8,25	+ 5,2	+4	0
Sept. 7	+1,586	−12,7	− 7,73	+ 5,0	+3	0
17	+1,467	−10,8	− 7,25	+ 4,5	+3	0
27	+1,370	− 8,1	− 6,83	+ 3,7	+3	0
Oct. 7	+1,305	− 4,6	− 6,51	+ 2,5	+2	0
17	+1,279	− 0,4	− 6,33	+ 0,9	+2	+1
27	+1,298	+ 4,4	− 6,34	− 1,1	+1	+1
Nov. 6	+1,367	+ 9,4	− 6,55	− 3,3	+1	+1
16	+1,486	+14,5	− 6,99	− 5,7	0	+2
26	+1,657	+19,4	− 7,69	− 8,2	0	+2
Dec. 6	+1,874	+23,8	− 8,63	−10,6	−1	+3
16	+2,132	+27,5	− 9,81	−12,8	−1	+3
26	+2,424	+30,4	−11,18	−14,5	−1	+4
36	+2,739	+32,3	−12,71	−15,9	−2	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	14 38 0,1012	−15 1 39,152
1771	38 3,3927	1 54,711
1772	38 6,6844	2 10,266
1773	38 9,9763	2 25,819
1774	38 13,2683	2 41,368
1775	38 16,5605	2 56,914
1776	38 19,8528	3 12,457
1777	38 23,1453	3 27,997
1778	38 26,4379	3 43,534
1779	38 29,7307	3 59,067
1780	38 33,0237	4 14,598
1781	38 36,3168	4 30,125
1782	38 39,6101	4 45,650
1783	38 42,9035	5 1,171
1784	38 46,1971	5 16,689
1785	38 49,4908	5 32,204
1786	38 52,7847	5 47,716
1787	38 56,0787	6 3,225
1788	38 59,3729	6 18,730
1789	39 2,6673	6 34,233
1790	39 5,9618	6 49,732

Diei reducto addendum est:

ante	Nov. 4	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. 2*a* *Librae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	14 38 12,463	— 15 4 25,82	1780	Jan. 1	14 38 43,299	— 15 6 56,05
	Apr. 10	12,443	25,16		Apr. 10	43,345	56,75
	Jul. 19	12,413	24,49		Jul. 19	43,399	57,45
	Oct. 27	12,374	23,80		Oct. 27	43,460	58,14
	Dec. 66	12,326	23,08		Dec. 66	43,529	58,84
1771	Jan. 0	14 38 15,637	— 15 4 38,35	1781	Jan. 0	14 38 46,800	— 15 7 14,11
	Apr. 10	15,583	38,13		Apr. 10	46,873	14,79
	Jul. 19	15,522	37,42		Jul. 19	46,951	15,46
	Oct. 27	15,453	36,71		Oct. 27	47,034	16,11
	Dec. 66	15,376	36,00		Dec. 66	47,123	16,74
1772	Jan. 1	14 38 18,696	— 15 4 51,76	1782	Jan. 0	14 38 50,388	— 15 7 32,02
	Apr. 10	18,615	51,06		Apr. 10	50,479	32,63
	Jul. 19	18,529	50,39		Jul. 19	50,573	33,20
	Oct. 27	18,438	49,74		Oct. 27	50,669	33,73
	Dec. 66	18,341	49,11		Dec. 66	50,768	34,22
1773	Jan. 0	14 38 21,667	— 15 5 4,84	1783	Jan. 0	14 38 54,030	— 15 7 49,55
	Apr. 10	21,568	4,25		Apr. 10	54,230	50,01
	Jul. 19	21,467	3,69		Jul. 19	54,229	50,42
	Oct. 27	21,364	3,19		Oct. 27	54,328	50,77
	Dec. 66	21,259	2,73		Dec. 66	54,427	51,07
1774	Jan. 0	14 38 24,589	— 15 5 18,39	1784	Jan. 1	14 38 57,690	— 15 8 6,47
	Apr. 10	24,484	17,97		Apr. 10	57,788	6,73
	Jul. 19	24,380	17,61		Jul. 19	57,882	6,93
	Oct. 27	24,278	17,31		Oct. 27	57,974	7,08
	Dec. 66	24,177	17,07		Dec. 66	58,063	7,16
1775	Jan. 0	14 38 27,505	— 15 5 32,66	1785	Jan. 0	14 39 1,329	— 15 8 22,62
	Apr. 10	27,406	32,46		Apr. 10	1,415	22,66
	Jul. 19	27,312	32,33		Jul. 19	1,495	22,64
	Oct. 27	27,223	32,27		Oct. 27	1,569	22,55
	Dec. 66	27,139	32,27		Dec. 66	1,637	22,41
1776	Jan. 1	14 38 30,461	— 15 5 47,78	1786	Jan. 0	14 39 4,911	— 15 8 37,94
	Apr. 10	30,381	47,83		Apr. 10	4,975	37,75
	Jul. 19	30,308	47,95		Jul. 19	5,031	37,50
	Oct. 27	30,242	48,13		Oct. 27	5,079	37,19
	Dec. 66	30,183	48,38		Dec. 66	5,120	36,82
1777	Jan. 0	14 38 33,497	— 15 6 3,80	1787	Jan. 0	14 39 8,403	— 15 8 52,43
	Apr. 10	33,444	4,09		Apr. 10	8,438	52,02
	Jul. 19	33,400	4,43		Jul. 19	8,463	51,57
	Oct. 27	33,365	4,83		Oct. 27	8,480	51,07
	Dec. 66	33,338	5,29		Dec. 66	8,487	50,52
1778	Jan. 0	14 38 36,641	— 15 6 20,64	1788	Jan. 1	14 39 11,782	— 15 9 6,18
	Apr. 10	36,621	21,13		Apr. 10	11,783	5,60
	Jul. 19	36,610	21,66		Jul. 19	11,774	4,99
	Oct. 27	36,609	22,23		Oct. 27	11,755	4,35
	Dec. 66	36,617	22,84		Dec. 66	11,727	3,68
1779	Jan. 0	14 38 39,908	— 15 6 38,13	1789	Jan. 0	14 39 15,035	— 15 9 19,38
	Apr. 10	39,923	38,77		Apr. 10	15,001	18,69
	Jul. 19	39,946	39,42		Jul. 19	14,959	17,99
	Oct. 27	39,978	40,09		Oct. 27	14,908	17,27
	Dec. 66	40,019	40,78		Dec. 66	14,848	16,55

Tabulae X. Sect. II. 2a *Librae.*

	1780		1780		Var. 10 annor.	
	″		″			
Jan. 0	−0,675	+31,7	+ 3,42	−15,4	−3	+1
10	−0,350	+32,9	+ 1,81	−16,4	−3	+1
20	−0,017	+33,2	+ 0,14	−16,8	−3	+2
30	+0,314	+32,6	− 1,54	−16,6	−3	+2
Febr. 9	+0,635	+31,2	− 3,18	−16,0	−3	+2
19	+0,938	+29,3	− 4,73	−14,8	−3	+2
Mart. 1	+1,220	+26,9	− 6,14	−13,3	−2	+2
11	+1,475	+24,1	− 7,39	−11,6	−2	+3
21	+1,702	+21,3	− 8,46	− 9,8	−1	+3
31	+1,900	+18,4	− 9,35	− 8,0	−1	+3
Apr. 10	+2,069	+15,5	−10,05	− 6,2	0	+2
20	+2,209	+12,6	−10,53	− 4,5	0	+2
30	+2,320	+ 9,8	−10,95	− 3,0	+1	+2
Maj. 10	+2,404	+ 7,0	−11,18	− 1,7	+1	+2
20	+2,460	+ 4,3	−11,29	− 0,6	+2	+2
30	+2,489	+ 1,5	−11,30	+ 0,4	+2	+2
Jun. 9	+2,490	− 1,2	−11,22	+ 1,2	+3	+2
19	+2,466	− 3,7	−11,06	+ 2,0	+3	+1
29	+2,416	− 6,3	−10,82	+ 2,7	+4	+1
Jul. 9	+2,341	− 8,6	−10,52	+ 3,3	+4	+1
19	+2,245	−10,6	−10,16	+ 3,9	+4	+1
29	+2,129	−12,3	− 9,74	+ 4,5	+4	+1
Aug. 8	+2,000	−13,4	− 9,27	+ 4,9	+4	0
18	+1,862	−13,9	− 8,77	+ 5,1	+4	0
28	+1,722	−13,7	− 8,25	+ 5,2	+4	0
Sept. 7	+1,588	−12,7	− 7,73	+ 5,1	+3	0
17	+1,468	−10,8	− 7,24	+ 4,6	+3	0
27	+1,372	− 8,1	− 6,82	+ 3,7	+3	0
Oct. 7	+1,307	− 4,6	− 6,50	+ 2,5	+2	0
17	+1,280	− 0,4	− 6,32	+ 0,9	+2	+1
27	+1,299	+ 4,4	− 6,32	− 1,1	+1	+1
Nov. 6	+1,368	+ 9,5	− 6,53	− 3,3	+1	+1
16	+1,488	+14,5	− 6,97	− 5,7	0	+2
26	+1,658	+19,4	− 7,66	− 8,2	0	+2
Dec. 6	+1,875	+23,8	− 8,60	−10,6	−1	+3
16	+2,133	+27,5	− 9,77	−12,7	−1	+3
26	+2,425	+30,4	−11,14	−14,5	−1	+4
36	+2,740	+32,3	−12,67	−15,9	−2	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	14 38 11,3642	− 15 4 22,416
1771	38 14,6577	4 37,945
1772	38 17,9514	4 53,471
1773	38 21,2452	5 8,994
1774	38 24,5392	5 24,514
1775	38 27,8334	5 40,031
1776	38 31,1277	5 55,545
1777	38 34,4222	6 11,056
1778	38 37,7168	6 26,563
1779	38 41,0116	6 42,067
1780	38 44,3064	6 57,568
1781	38 47,6015	7 13,066
1782	38 50,8967	7 28,561
1783	38 54,1921	7 44,053
1784	38 57,4876	7 59,541
1785	39 0,7833	8 15,027
1786	39 4,0791	8 30,509
1787	39 7,3751	8 45,988
1788	39 10,6712	9 1,464
1789	39 13,9675	9 16,937
1790	39 17,2640	9 32,408

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Coronae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	15 24 58,119	+27 30 0,19	1780	Jan. 1	15 25 22,083	+27 27 56,18
	Apr. 10	58,078	0,93		Apr. 10	22,141	55,43
	Jul. 19	58,031	1,68		Jul. 19	22,202	54,70
	Oct. 27	57,977	2,41		Oct. 27	22,268	53,98
	Dec. 66	57,918	3,19		Dec. 66	22,338	53,28
1771	Jan. 0	15 25 0,474	+27 29 50,31	1781	Jan. 0	15 25 24,849	+27 27 40,91
	Apr. 10	0,411	51,07		Apr. 10	24,921	40,22
	Jul. 19	0,344	51,81		Jul. 19	24,995	39,57
	Oct. 27	0,273	52,53		Oct. 27	25,071	38,95
	Dec. 66	0,198	53,24		Dec. 66	25,148	38,36
1772	Jan. 1	15 25 2,758	+27 29 40,38	1782	Jan. 0	15 25 27,657	+27 27 25,95
	Apr. 10	2,681	41,07		Apr. 10	27,735	25,39
	Jul. 19	2,602	41,71		Jul. 19	27,813	24,88
	Oct. 27	2,522	42,32		Oct. 27	27,891	24,42
	Dec. 66	2,440	42,89		Dec. 66	27,968	24,02
1773	Jan. 0	15 25 5,004	+27 29 30,08	1783	Jan. 0	15 25 30,478	+27 27 11,55
	Apr. 10	4,921	30,62		Apr. 10	30,554	11,18
	Jul. 19	4,840	31,10		Jul. 19	30,627	10,87
	Oct. 27	4,760	31,52		Oct. 27	30,698	10,63
	Dec. 66	4,681	31,88		Dec. 66	30,767	10,44
1774	Jan. 0	15 25 7,243	+27 29 19,14	1784	Jan. 1	15 25 33,280	+27 26 57,90
	Apr. 10	7,165	19,46		Apr. 10	33,346	57,76
	Jul. 19	7,091	19,71		Jul. 19	33,408	57,69
	Oct. 27	7,021	19,89		Oct. 27	33,465	57,68
	Dec. 66	6,955	20,00		Dec. 66	33,518	57,73
1775	Jan. 0	15 25 9,512	+27 29 7,35	1785	Jan. 0	15 25 36,036	+27 26 45,11
	Apr. 10	9,449	7,41		Apr. 10	36,085	45,21
	Jul. 19	9,391	7,40		Jul. 19	36,128	45,38
	Oct. 27	9,338	7,32		Oct. 27	36,165	45,61
	Dec. 66	9,291	7,17		Dec. 66	36,196	45,91
1776	Jan. 1	15 25 11,841	+27 28 54,61	1786	Jan. 0	15 25 38,722	+27 26 33,22
	Apr. 10	11,800	54,41		Apr. 10	38,749	33,56
	Jul. 19	11,765	54,14		Jul. 19	38,768	33,95
	Oct. 27	11,738	53,82		Oct. 27	38,781	34,40
	Dec. 66	11,717	53,42		Dec. 66	38,786	34,91
1777	Jan. 0	15 25 14,258	+27 28 40,94	1787	Jan. 0	15 25 41,321	+27 26 22,15
	Apr. 10	14,242	40,51		Apr. 10	41,322	22,69
	Jul. 19	14,234	40,02		Jul. 19	41,315	23,27
	Oct. 27	14,234	39,49		Oct. 27	41,302	23,90
	Dec. 66	14,240	38,90		Dec. 66	41,280	24,56
1778	Jan. 0	15 25 16,772	+27 28 26,49	1788	Jan. 1	15 25 43,823	+27 26 11,76
	Apr. 10	16,782	25,88		Apr. 10	43,797	12,45
	Jul. 19	16,802	25,23		Jul. 19	43,764	13,15
	Oct. 27	16,827	24,55		Oct. 27	43,725	13,88
	Dec. 66	16,860	23,84		Dec. 66	43,679	14,63
1779	Jan. 0	15 25 19,384	+27 28 11,48	1789	Jan. 0	15 25 46,230	+27 26 1,81
	Apr. 10	19,421	10,75		Apr. 10	46,180	2,56
	Jul. 19	19,464	10,02		Jul. 19	46,124	3,32
	Oct. 27	19,512	9,28		Oct. 27	46,064	4,07
	Dec. 66	19,566	8,53		Dec. 66	45,998	4,83

Tabulae X. Sect. II. *α Coronae.*

	1780		1780		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	−1,011	+28,1	− 7,81	−27,4	−2	+2	1770	15 24 57,3569	+27 30 2,300
10	−0,715	+30,7	−10,44	−24,8	−2	+2	1771	24 59,8920	29 49,670
20	−0,398	+32,3	−12,76	−21,3	−2	+2	1772	25 2,4261	29 37,043
30	−0,070	+32,9	−14,70	−17,1	−3	+2	1773	25 4,9622	29 24,419
Febr. 9	+0,260	+32,7	−16,18	−12,3	−3	+1	1774	25 7,4974	29 11,798
							1775	25 10,0326	28 59,181
19	+0,583	+31,7	−17,16	− 7,2	−3	+1	1776	25 12,5678	28 46,566
Mart. 1	+0,893	+29,9	−17,62	− 2,0	−3	+1	1777	25 15,1030	28 33,954
11	+1,181	+27,6	−17,56	+ 3,1	−3	0	1778	25 17,6383	28 21,345
21	+1,445	+25,0	−17,00	+ 7,9	−2	0	1779	25 20,1736	28 8,739
31	+1,680	+22,0	−15,99	+12,1	−2	0	1780	25 22,7090	27 56,136
							1781	25 25,2443	27 43,536
Apr. 10	+1,884	+18,8	−14,58	+15,8	−2	0	1782	25 27,7797	27 30,939
20	+2,056	+15,6	−12,84	+18,6	−1	−1	1783	25 30,3151	27 18,345
30	+2,195	+12,3	−10,86	+20,6	−1	−1	1784	25 32,8505	27 5,754
Maj. 10	+2,301	+ 8,8	− 8,72	+21,8	0	−1	1785	25 35,3859	26 53,165
20	+2,371	+ 5,4	− 6,51	+22,1	0	−1	1786	25 37,9214	26 40,580
							1787	25 40,4569	26 27,997
30	+2,408	+ 2,1	− 4,30	+21,8	+1	−1	1788	25 42,9924	26 15,418
Jun. 9	+2,413	− 1,2	− 2,16	+20,7	+1	−1	1789	25 45,5279	26 2,842
19	+2,384	− 4,5	− 0,17	+18,9	+1	0	1790	25 48,0634	25 50,268
29	+2,324	− 7,5	+ 1,62	+16,7	+2	0			
Jul. 9	+2,234	−10,4	+ 3,17	+14,1	+2	0			
19	+2,117	−13,0	+ 4,44	+11,1	+2	0			
29	+1,975	−15,2	+ 5,39	+ 7,9	+2	0			
Aug. 8	+1,814	−16,9	+ 6,02	+ 4,5	+3	+1			
18	+1,637	−18,1	+ 6,29	+ 1,0	+3	+1			
28	+1,453	−18,4	+ 6,21	− 2,6	+3	+1			
Sept. 7	+1,269	−18,1	+ 5,77	− 6,3	+3	+2			
17	+1,092	−16,8	+ 4,96	− 9,9	+2	+2			
27	+0,933	−14,7	+ 3,79	−13,5	+2	+3			
Oct. 7	+0,799	−11,7	+ 2,27	−16,9	+2	+3			
17	+0,699	− 7,9	+ 0,41	−20,2	+2	+3			
27	+0,641	− 3,4	− 1,76	−23,1	+1	+4			
Nov. 6	+0,631	+ 1,6	− 4,21	−25,7	+1	+4			
16	+0,673	+ 6,9	− 6,90	−27,8	0	+4			
26	+0,768	+12,2	− 9,76	−29,2	0	+5			
Dec. 6	+0,916	+17,3	−12,73	−29,8	0	+5			
16	+1,114	+22,0	−15,72	−29,6	−1	+5			
26	+1,355	+25,9	−18,65	−28,6	−1	+5			
36	+1,632	+29,2	−21,43	−26,6	−2	+5			

Diei reducto addendum est:

ante } Nov. 15 { + 1
post } Nov. 15 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Serpentis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	15 32 58,073	+ 7 9 46,85	1780	Jan. 1	15 33 25,779	+ 7 7 49,04
	Apr. 10	58,041	47,60		Apr. 10	25,833	48,29
	Jul. 19	58,001	48,36		Jul. 19	25,892	47,56
	Oct. 27	57,954	49,12		Oct. 27	25,957	46,84
	Dec. 66	57,900	49,89		Dec. 66	26,027	46,13
1771	Jan. 0	15 33 0,864	+ 7 9 37,67	1781	Jan. 0	15 33 28,949	+ 7 7 34,43
	Apr. 10	0,805	38,43		Apr. 10	29,022	33,75
	Jul. 19	0,740	39,17		Jul. 19	29,099	33,10
	Oct. 27	0,669	39,90		Oct. 27	29,179	32,48
	Dec. 66	0,592	40,60		Dec. 66	29,263	31,90
1772	Jan. 1	15 33 3,564	+ 7 9 28,41	1782	Jan. 0	15 33 32,181	+ 7 7 20,17
	Apr. 10	3,484	29,09		Apr. 10	32,267	19,62
	Jul. 19	3,400	29,73		Jul. 19	32,354	19,12
	Oct. 27	3,314	30,33		Oct. 27	32,441	18,68
	Dec. 66	3,224	30,89		Dec. 66	32,530	18,29
1773	Jan. 0	15 33 6,200	+ 7 9 18,75	1783	Jan. 0	15 33 35,447	+ 7 7 6,49
	Apr. 10	6,108	19,28		Apr. 10	35,535	6,14
	Jul. 19	6,016	19,74		Jul. 19	35,622	5,85
	Oct. 27	5,924	20,14		Oct. 27	35,708	5,62
	Dec. 66	5,832	20,48		Dec. 66	35,792	5,45
1774	Jan. 0	15 33 8,808	+ 7 9 8,42	1784	Jan. 1	15 33 38,711	+ 7 6 53,58
	Apr. 10	8,716	8,72		Apr. 10	38,793	53,46
	Jul. 19	8,627	8,95		Jul. 19	38,871	53,41
	Oct. 27	8,540	9,10		Oct. 27	38,946	53,42
	Dec. 66	8,457	9,19		Dec. 66	39,016	53,50
1775	Jan. 0	15 33 11,430	+ 7 8 57,22	1785	Jan. 0	15 33 41,940	+ 7 6 41,55
	Apr. 10	11,349	57,26		Apr. 10	42,007	41,68
	Jul. 19	11,273	57,22		Jul. 19	42,069	41,87
	Oct. 27	11,203	57,13		Oct. 27	42,124	42,12
	Dec. 66	11,137	56,94		Dec. 66	42,173	42,44
1776	Jan. 1	15 33 14,104	+ 7 8 45,06	1786	Jan. 0	15 33 45,104	+ 7 6 30,42
	Apr. 10	14,043	44,83		Apr. 10	45,149	30,78
	Jul. 19	13,990	44,54		Jul. 19	45,186	31,20
	Oct. 27	13,944	44,19		Oct. 27	45,216	31,67
	Dec. 66	13,906	43,77		Dec. 66	45,239	32,20
1777	Jan. 0	15 33 16,865	+ 7 8 31,98	1787	Jan. 0	15 33 48,179	+ 7 6 20,11
	Apr. 10	16,830	31,52		Apr. 10	48,196	20,67
	Jul. 19	16,803	31,01		Jul. 19	48,204	21,28
	Oct. 27	16,786	30,45		Oct. 27	48,205	21,92
	Dec. 66	16,777	29,84		Dec. 66	48,197	22,60
1778	Jan. 0	15 33 19,725	+ 7 8 18,11	1788	Jan. 1	15 33 51,147	+ 7 6 10,46
	Apr. 10	19,722	17,48		Apr. 10	51,134	11,17
	Jul. 19	19,727	16,81		Jul. 19	51,112	11,89
	Oct. 27	19,740	16,12		Oct. 27	51,082	12,63
	Dec. 66	19,761	15,40		Dec. 65	51,044	13,39
1779	Jan. 0	15 33 22,699	+ 7 8 3,70	1789	Jan. 0	15 33 54,005	+ 7 6 1,24
	Apr. 10	22,726	2,97		Apr. 10	53,962	2,01
	Jul. 19	22,760	2,23		Jul. 19	53,911	2,77
	Oct. 27	22,802	1,48		Oct. 27	53,854	3,53
	Dec. 66	22,850	0,72		Dec. 66	53,791	4,28

Tabulae X. Sect. II. *α Serpentis.*

	1780		1780		Var. 10 annor.	
Jan. 0	−0,925″	+27,0	−2,84″	−21,6	−2	+1
10	−0,643	+29,2	−4,96	−20,6	−2	+2
20	−0,342	+30,5	−6,95	−18,9	−3	+2
30	−0,033	+31,0	−8,73	−16,5	−3	+2
Febr. 9	+0,277	+30,7	−10,25	−13,6	−3	+2
19	+0,580	+29,7	−11,45	−10,3	−3	+2
Mart. 1	+0,871	+28,3	−12,30	−6,7	−3	+1
11	+1,145	+26,3	−12,79	−3,1	−2	+1
21	+1,397	+24,1	−12,91	+0,6	−2	+1
31	+1,626	+21,7	−12,68	+3,8	−2	+1
Apr. 10	+1,830	+19,1	−12,15	+6,7	−1	+1
20	+2,007	+16,4	−11,34	+9,1	−1	+1
30	+2,158	+13,7	−10,33	+10,9	0	+1
Maj. 10	+2,280	+10,9	−9,16	+12,2	0	+1
20	+2,375	+8,0	−7,89	+13,0	+1	+1
30	+2,440	+5,1	−6,57	+13,2	+1	+1
Jun. 9	+2,476	+2,1	−5,26	+12,9	+1	+1
19	+2,481	−0,9	−3,99	+12,3	+2	+1
29	+2,458	−3,8	−2,81	+11,3	+2	+1
Jul. 9	+2,405	−6,7	−1,74	+10,0	+2	+1
19	+2,324	−9,3	−0,82	+8,5	+3	+1
29	+2,219	−11,6	−0,05	+6,9	+3	+1
Aug. 8	+2,093	−13,5	+0,55	+5,1	+3	+1
18	+1,950	−14,8	+0,96	+3,1	+3	+1
28	+1,798	−15,4	+1,17	+1,1	+3	+1
Sept. 7	+1,642	−15,3	+1,18	−1,0	+3	+2
17	+1,493	−14,3	+0,97	−3,3	+3	+2
27	+1,357	−12,4	+0,53	−5,6	+3	+2
Oct. 7	+1,245	−9,7	−0,14	−8,0	+2	+2
17	+1,164	−6,1	−1,06	−10,4	+2	+3
27	+1,123	−1,9	−2,22	−12,9	+1	+3
Nov. 6	+1,126	+2,7	−3,63	−15,2	+1	+3
16	+1,177	+7,6	−5,26	−17,4	+1	+4
26	+1,278	+12,6	−7,10	−19,2	0	+4
Dec. 6	+1,428	+17,3	−9,10	−20,7	0	+4
16	+1,624	+21,5	−11,23	−21,6	−1	+5
26	+1,858	+25,1	−13,41	−21,8	−1	+5
36	+2,125	+27,9	−15,58	−21,3	−2	+5

	A. R. med.	Decl. med.
1770	15h 32′ 57″,1379	−7° 9′ 43″,731
1771	33 0,0836	9 36,768
1772	33 3,0294	9 24,808
1773	33 5,9752	9 12,852
1774	33 8,9211	9 0,898
1775	33 11,8670	8 48,949
1776	33 14,8130	8 37,003
1777	33 17,7591	8 25,061
1778	33 20,7052	8 13,122
1779	33 23,6514	8 1,186
1780	33 26,5977	7 49,254
1781	33 29,5440	7 37,326
1782	33 32,4904	7 25,401
1783	33 35,4369	7 13,480
1784	33 38,3834	7 1,561
1785	33 41,3300	6 49,647
1786	33 44,2767	6 37,736
1787	33 47,2234	6 25,829
1788	33 50,1702	6 13,925
1789	33 53,1170	6 2,023
1790	33 56,0639	5 50,127

Diei reducto addendum est:

ante } Nov. 17 { + 1
post } Nov. 17 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Scorpii.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	16 15 21,578	—25 54 5,13	1780	Jan. 1	16 15 55,792	—25 55 34,73
	Apr. 10	21,554	4,33		Apr. 10	55,844	35,49
	Jul. 19	21,521	3,54		Jul. 19	55,905	36,23
	Oct. 27	21,477	2,76		Oct. 27	55,973	36,94
	Dec. 66	21,423	1,98		Dec. 66	56,050	37,62
1771	Jan. 0	16 15 25,095	—25 54 11,13	1781	Jan. 0	16 15 59,678	—25 55 46,24
	Apr. 10	25,035	10,36		Apr. 10	59,759	46,90
	Jul. 19	24,967	9,62		Jul. 19	59,846	47,51
	Oct. 27	24,890	8,92		Oct. 27	59,938	48,07
	Dec. 66	24,804	8,25		Dec. 66	16 0,037	48,59
1772	Jan. 1	16 15 28,487	—25 54 17,35	1782	Jan. 0	16 16 3,658	—25 55 57,26
	Apr. 10	28,397	16,71		Apr. 10	3,759	57,74
	Jul. 19	28,301	16,12		Jul. 19	3,863	58,16
	Oct. 27	28,199	15,58		Oct. 27	3,970	58,53
	Dec. 66	28,092	15,09		Dec. 66	4,079	58,83
1773	Jan. 0	16 15 31,782	—25 54 24,13	1783	Jan. 0	16 16 7,697	—25 56 7,56
	Apr. 10	31,672	23,69		Apr. 10	7,808	7,82
	Jul. 19	31,560	23,31		Jul. 19	7,918	8,01
	Oct. 27	31,446	23,00		Oct. 27	8,027	8,13
	Dec. 66	31,330	22,76		Dec. 66	8,136	8,18
1774	Jan. 0	16 15 35,022	—25 54 31,71	1784	Jan. 1	16 16 11,755	—25 56 17,00
	Apr. 10	34,906	31,52		Apr. 10	11,863	17,00
	Jul. 19	34,792	31,41		Jul. 19	11,968	16,93
	Oct. 27	34,679	31,37		Oct. 27	12,069	16,80
	Dec. 66	34,568	31,40		Dec. 66	12,166	16,60
1775	Jan. 0	16 15 38,259	—25 54 40,25	1785	Jan. 0	16 16 15,789	—25 56 25,49
	Apr. 10	38,150	40,34		Apr. 10	15,883	25,24
	Jul. 19	38,046	40,50		Jul. 19	15,971	24,93
	Oct. 27	37,948	40,73		Oct. 27	16,053	24,55
	Dec. 66	37,856	41,04		Dec. 66	16,128	24,11
1776	Jan. 1	16 15 41,540	—25 54 49,80	1786	Jan. 0	16 16 19,759	—25 56 33,08
	Apr. 10	41,452	50,15		Apr. 10	19,829	32,59
	Jul. 19	41,372	50,56		Jul. 19	19,890	32,06
	Oct. 27	41,300	51,04		Oct. 27	19,942	31,48
	Dec. 66	41,236	51,58		Dec. 66	19,986	30,85
1777	Jan. 0	16 15 44,910	—25 55 0,25	1787	Jan. 0	16 16 23,628	—25 56 39,88
	Apr. 10	44,853	0,82		Apr. 10	23,666	39,22
	Jul. 19	44,805	1,44		Jul. 19	23,693	38,52
	Oct. 27	44,767	2,10		Oct. 27	23,711	37,79
	Dec. 66	44,739	2,80		Dec. 66	23,718	37,04
1778	Jan. 0	16 15 48,401	—25 55 11,41	1788	Jan. 1	16 16 27,372	—25 56 46,10
	Apr. 10	48,380	12,14		Apr. 10	27,372	45,32
	Jul. 19	48,369	12,88		Jul. 19	27,362	44,54
	Oct. 27	48,367	13,64		Oct. 27	27,341	43,75
	Dec. 66	48,376	14,43		Dec. 66	27,310	42,95
1779	Jan. 0	16 15 52,028	—25 55 23,01	1789	Jan. 0	16 16 30,977	—25 56 52,02
	Apr. 10	52,045	23,80		Apr. 10	30,939	51,22
	Jul. 19	52,072	24,58		Jul. 19	30,891	50,44
	Oct. 27	52,108	25,36		Oct. 27	30,834	49,68
	Dec. 66	52,154	26,14		Dec. 66	30,767	48,93

Tabulae X. Sect. II. *α Scorpii.*

	1780		1780		Var. 10 annor.	
	″		″			
Jan. 0	−1,185	+27,8	+4,25	−4,9	−3	−1
10	−0,892	+30,6	+3,67	−6,5	−3	−1
20	−0,574	+32,6	+2,95	−7,8	−3	0
30	−0,241	+33,7	+2,12	−8,7	−4	0
Febr. 9	+0,099	+34,0	+1,21	−9,2	−4	+1
19	+0,439	+33,7	+0,28	−9,4	−4	+1
Mart. 1	+0,773	+32,8	−0,66	−9,3	−3	+2
11	+1,095	+31,5	−1,57	−8,9	−3	+2
21	+1,402	+29,8	−2,43	−8,3	−3	+3
31	+1,690	+27,9	−3,23	−7,6	−2	+3
Apr. 10	+1,959	+25,7	−3,95	−6,9	−2	+3
20	+2,204	+23,3	−4,61	−6,3	−1	+4
30	+2,424	+20,7	−5,20	−5,7	−1	+4
Maj. 10	+2,617	+17,9	−5,74	−5,2	0	+4
20	+2,781	+14,8	−6,23	−4,7	+1	+4
30	+2,912	+11,4	−6,67	−4,3	+1	+4
Jun. 9	+3,009	+ 7,9	−7,08	−3,9	+2	+4
19	+3,070	+ 4,2	−7,44	−3,4	+2	+4
29	+3,093	+ 0,4	−7,75	−2,9	+3	+4
Jul. 9	+3,078	− 3,4	−8,01	−2,2	+4	+4
19	+3,026	− 7,0	−8,19	−1,5	+4	+4
29	+2,938	−10,4	−8,31	−0,7	+4	+3
Aug. 8	+2,818	−13,3	−8,32	+0,4	+4	+3
18	+2,673	−15,5	−8,23	+1,5	+5	+3
28	+2,508	−17,0	−8,03	+2,6	+5	+2
Sept. 7	+2,333	−17,6	−7,72	+3,6	+5	+2
17	+2,157	−17,1	−7,31	+4,5	+4	+2
27	+1,991	−15,6	−6,82	+5,2	+4	+2
Oct. 7	+1,846	−13,0	−6,28	+5,6	+4	+1
17	+1,732	− 9,4	−5,71	+5,6	+3	+1
27	+1,658	− 5,0	−5,16	+5,2	+3	+1
Nov. 6	+1,632	+ 0,1	−4,67	+4,4	+2	+1
16	+1,659	+ 5,5	−4,28	+3,3	+2	+2
26	+1,742	+11,0	−4,02	+1,7	+1	+2
Dec. 6	+1,879	+16,3	−3,94	−0,1	0	+2
16	+2,067	+21,2	−4,04	−1,9	0	+3
26	+2,302	+25,5	−4,32	−3,8	−1	+3
36	+2,576	+28,9	−4,79	−5,5	−1	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	16 15 20,3641	−25 54 4,507
1771	15 24,0172	54 13,396
1772	15 27,6704	54 22,279
1773	15 31,3238	54 31,158
1774	15 34,9774	54 40,032
1775	15 38,6312	54 48,901
1776	15 42,2851	54 57,765
1777	15 45,9391	55 6,625
1778	15 49,5933	55 15,479
1779	15 53,2476	55 24,329
1780	15 56,9020	55 33,174
1781	16 0,5567	55 42,014
1782	16 4,2115	55 50,849
1783	16 7,8665	55 59,680
1784	16 11,5216	56 8,505
1785	16 15,1770	56 17,326
1786	16 18,8324	56 26,142
1787	16 22,4880	56 34,953
1788	16 26,1438	56 43,759
1789	16 29,7997	56 52,560
1790	16 33,4557	57 1,356

Diei reducto addendum est:

ante } Nov. 27 { + 1
post } Nov. 27 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Herculis.*

1770	Jan. 0	h ′ ″ 17 4 11,029	° ′ ″ +14 40 6,81	1780	Jan. 1	h ′ ″ 17 4 36,682	° ′ ″ +14 39 15,06
	Apr. 10	11,000	7,62		Apr. 10	36,731	14,32
	Jul. 19	10,963	8,42		Jul. 19	36,786	13,61
	Oct. 27	10,920	9,20		Oct. 27	36,846	12,94
	Dec. 66	10,869	9,96		Dec. 66	36,912	12,31
1771	Jan. 0	17 4 13,615	+14 40 4,91	1781	Jan. 0	17 4 39,618	+14 39 7,75
	Apr. 10	13,560	5,65		Apr. 10	39,686	7,15
	Jul. 19	13,500	6,34		Jul. 19	39,757	6,61
	Oct. 27	13,434	6,99		Oct. 27	39,832	5,13
	Dec. 66	13,363	7,60		Dec. 66	39,910	5,70
1772	Jan. 1	17 4 16,116	+14 40 2,60	1782	Jan. 0	17 4 42,612	+14 39 1,07
	Apr. 10	16,042	3,17		Apr. 10	42,692	0,69
	Jul. 19	15,964	3,68		Jul. 19	42,772	0,37
	Oct. 27	15,884	4,12		Oct. 27	42,854	0,12
	Dec. 66	15,800	4,51		Dec. 66	42,936	38 59,93
1773	Jan. 0	17 4 18,557	+14 39 59,59	1783	Jan. 0	17 4 45,638	+14 38 55,23
	Apr. 10	18,472	59,92		Apr. 10	45,720	55,09
	Jul. 19	18,386	40 0,18		Jul. 19	45,801	55,03
	Oct. 27	18,300	0,36		Oct. 27	45,881	55,03
	Dec. 66	18,214	0,47		Dec. 66	45,959	55,11
1774	Jan. 0	17 4 20,972	+14 39 55,65	1784	Jan. 1	17 4 48,662	+14 38 50,32
	Apr. 10	20,886	55,71		Apr. 10	48,739	50,45
	Jul. 19	20,803	55,69		Jul. 19	48,812	50,65
	Oct. 27	20,722	55,59		Oct. 27	48,882	50,92
	Dec. 66	20,644	55,41		Dec. 66	48,948	51,26
1775	Jan. 0	17 4 23,399	+14 39 50,69	1785	Jan. 0	17 4 51,655	+14 38 46,39
	Apr. 10	23,323	50,46		Apr. 10	51,718	46,77
	Jul. 19	23,252	50,16		Jul. 19	51,775	47,21
	Oct. 27	23,186	49,79		Oct. 27	51,827	47,71
	Dec. 66	23,125	49,35		Dec. 66	51,873	48,27
1776	Jan. 1	17 4 25,874	+14 39 44,72	1786	Jan. 0	17 4 54,588	+14 38 43,33
	Apr. 10	25,817	44,24		Apr. 10	54,630	43,93
	Jul. 19	25,767	43,70		Jul. 19	54,665	44,57
	Oct. 27	25,724	43,11		Oct. 27	54,693	45,25
	Dec. 66	25,687	42,46		Dec. 66	54,714	45,98
1777	Jan. 0	17 4 28,427	+14 39 37,90	1787	Jan. 0	17 4 57,437	+14 38 40,99
	Apr. 10	28,395	37,22		Apr. 10	57,453	41,74
	Jul. 19	28,371	36,50		Jul. 19	57,462	42,51
	Oct. 27	28,355	35,76		Oct. 27	57,463	43,30
	Dec. 66	28,346	34,99		Dec. 66	57,456	44,11
1778	Jan. 0	17 4 31,077	+14 39 30,47	1788	Jan. 1	17 5 0,188	+14 38 39,10
	Apr. 10	31,073	29,67		Apr. 10	0,176	39,92
	Jul. 19	31,077	28,87		Jul. 19	0,156	40,73
	Oct. 27	31,089	28,06		Oct. 27	0,129	41,54
	Dec. 66	31,109	27,24		Dec. 66	0,094	42,35
1779	Jan. 0	17 4 33,830	+14 39 22,74	1789	Jan. 0	17 5 2,835	+14 38 37,35
	Apr. 10	33,855	21,93		Apr. 10	2,795	38,15
	Jul. 19	33,886	21,13		Jul. 19	2,749	38,92
	Oct. 27	33,924	20,35		Oct. 27	2,696	39,66
	Dec. 66	33,969	19,58		Dec. 66	2,687	40,37

Tabulae X. Sect. II. *α Herculis.*

	1780		1780		Var. 10 annor.	
	″		″			
Jan. 0	−1,260	+19,4	− 2,86	−23,6	−1	+1
10	−1,048	+22,8	− 5,19	−22,7	−1	+1
20	−0,805	+25,5	− 7,39	−21,0	−2	+1
30	−0,539	+27,5	− 9,38	−18,4	−2	+1
Febr. 9	−0,256	+28,8	−11,07	−15,2	−2	+1
19	+0,037	+29,5	−12,42	−11,5	−3	+1
Mart. 1	+0,333	+29,5	−13,37	− 7,4	−3	+1
11	+0,627	+29,1	−13,88	− 2,9	−3	+1
21	+0,914	+28,2	−13,95	+ 1,5	−2	+1
31	+1,191	+27,0	−13,59	+ 5,6	−2	+1
Apr. 10	+1,453	+25,4	−12,83	+ 9,4	−2	+1
20	+1,698	+23,5	−11,71	+12,7	−2	+1
30	+1,922	+21,2	−10,29	+15,4	−1	+1
Maj. 10	+2,122	+18,7	− 8,63	+17,5	−1	+1
20	+2,295	+15,8	− 6,79	+18,9	−1	+1
30	+2,438	+12,7	− 4,86	+19,5	0	+1
Jun. 9	+2,549	+ 9,4	− 2,89	+19,5	0	+1
19	+2,625	+ 5,8	− 0,96	+19,0	+1	+1
29	+2,664	+ 2,1	+ 0,90	+17,9	+1	+1
Jul. 9	+2,666	− 1,7	+ 2,62	+16,4	+1	+1
19	+2,630	− 5,4	+ 4,18	+14,6	+2	+1
29	+2,558	− 8,9	+ 5,53	+12,3	+2	+1
Aug. 8	+2,452	−12,1	+ 6,64	+10,0	+2	+1
18	+2,317	−14,7	+ 7,52	+ 7,4	+2	+2
28	+2,159	−16,7	+ 8,12	+ 4,8	+3	+2
Sept. 7	+1,984	−17,9	+ 8,44	+ 1,9	+3	+2
17	+1,801	−18,3	+ 8,49	− 1,0	+3	+2
27	+1,619	−17,7	+ 8,24	− 4,0	+3	+2
Oct. 7	+1,447	−16,2	+ 7,69	− 7,0	+3	+3
17	+1,295	−13,7	+ 6,84	−10,0	+2	+3
27	+1,173	−10,4	+ 5,70	−12,8	+2	+3
Nov. 6	+1,088	− 6,4	+ 4,28	−15,6	+2	+4
16	+1,046	− 1,9	+ 2,58	−18,2	+1	+4
26	+1,051	+ 3,0	+ 0,65	−20,3	+1	+4
Dec. 6	+1,105	+ 7,8	− 1,48	−22,1	+1	+4
16	+1,207	+12,6	− 3,76	−23,2	0	+4
26	+1,356	+16,9	− 6,12	−23,7	0	+5
36	+1,545	+20,7	− 8,49	−23,4	−1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	17 4 10,1579	+14 40 5,960
1771	4 12,8865	40 1,155
1772	4 15,6151	39 56,354
1773	4 18,3438	39 51,557
1774	4 21,0725	39 46,764
1775	4 23,8013	39 41,974
1776	4 26,5301	39 37,188
1777	4 29,2589	39 32,406
1778	4 31,9878	39 27,628
1779	4 34,7167	39 22,854
1780	4 37,4456	39 18,084
1781	4 40,1746	39 13,318
1782	4 42,9036	39 8,555
1783	4 45,6327	39 3,796
1784	4 48,3618	38 59,041
1785	4 51,0908	38 54,291
1786	4 53,8200	38 49,544
1787	4 56,5492	38 44,801
1788	4 59,2784	38 40,062
1789	5 2,0077	38 35,327
1790	5 4,7370	38 30,595

Diei reducto addendum est:

ante } Dec. 8 { + 1
post } Dec. 8 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Ophiuchi.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	17 24 17,020	+12 44 38,33	1780	Jan. 1	17 24 43,101	+12 44 0,25
	Apr. 10	16,992	39,14		Apr. 10	43,149	43 59,52
	Jul. 19	16,956	39,93		Jul. 19	43,203	58,83
	Oct. 27	16,913	40,70		Oct. 27	43,263	58,19
	Dec. 66	16,863	41,44		Dec. 66	43,328	57,59
1771	Jan. 0	17 24 19,655	+12 44 37,87	1781	Jan. 0	17 24 46,081	+12 43 54,50
	Apr. 10	19,601	38,59		Apr. 10	46,149	53,94
	Jul. 19	19,541	39,26		Jul. 19	46,221	53,43
	Oct. 27	19,475	39,88		Oct. 27	46,296	52,99
	Dec. 66	19,404	40,45		Dec. 66	46,374	52,60
1772	Jan. 1	17 24 22,203	+12 44 36,95	1782	Jan. 0	17 24 49,123	+12 43 49,45
	Apr. 10	22,129	37,48		Apr. 10	49,203	49,10
	Jul. 19	22,051	37,95		Jul. 19	49,285	48,83
	Oct. 27	21,970	38,35		Oct. 27	49,367	48,63
	Dec. 66	21,885	38,68		Dec. 66	49,451	48,50
1773	Jan. 0	17 24 24,689	+12 44 35,27	1783	Jan. 0	17 24 52,198	+12 43 45,26
	Apr. 10	24,603	35,55		Apr. 10	52,283	45,18
	Jul. 19	24,516	35,76		Jul. 19	52,366	45,17
	Oct. 27	24,429	35,89		Oct. 27	52,447	45,23
	Dec. 66	24,342	35,94		Dec. 66	52,526	45,36
1774	Jan. 0	17 24 27,146	+12 44 32,62	1784	Jan. 1	17 24 55,275	+12 43 42,04
	Apr. 10	27,059	32,62		Apr. 10	55,353	42,22
	Jul. 19	26,975	32,55		Jul. 19	55,428	42,47
	Oct. 27	26,893	32,39		Oct. 27	55,499	42,79
	Dec. 66	26,813	32,16		Dec. 66	55,567	43,18
1775	Jan. 0	17 24 29,614	+12 44 28,94	1785	Jan. 0	17 24 58,321	+12 43 39,78
	Apr. 10	29,537	28,66		Apr. 10	58,386	40,21
	Jul. 19	29,464	28,31		Jul. 19	58,445	40,69
	Oct. 27	29,396	27,88		Oct. 27	58,499	41,24
	Dec. 66	29,333	27,39		Dec. 66	58,547	41,84
1776	Jan. 1	17 24 32,129	+12 44 24,26	1786	Jan. 0	17 25 1,307	+12 43 38,37
	Apr. 10	32,071	23,73		Apr. 10	1,352	39,01
	Jul. 19	32,019	23,15		Jul. 19	1,389	39,69
	Oct. 27	31,973	22,51		Oct. 27	1,418	40,40
	Dec. 66	31,933	21,82		Dec. 66	1,441	41,16
1777	Jan. 0	17 24 34,721	+12 44 18,76	1787	Jan. 0	17 25 4,210	+12 43 37,64
	Apr. 10	34,687	18,04		Apr. 10	4,228	38,42
	Jul. 19	34,661	17,30		Jul. 19	4,238	39,21
	Oct. 27	34,643	16,53		Oct. 27	4,240	40,02
	Dec. 66	34,633	15,73		Dec. 66	4,235	40,84
1778	Jan. 0	17 24 37,411	+12 44 12,70	1788	Jan. 1	17 25 7,013	+12 43 37,31
	Apr. 10	37,406	11,89		Apr. 10	7,002	38,14
	Jul. 19	37,408	11,08		Jul. 19	6,984	38,96
	Oct. 27	37,419	10,26		Oct. 27	6,958	39,77
	Dec. 66	37,437	9,44		Dec. 66	6,924	40,57
1779	Jan. 0	17 24 40,205	+12 44 6,42	1789	Jan. 0	17 25 9,712	+12 43 37,06
	Apr. 10	40,229	5,61		Apr. 10	9,673	37,85
	Jul. 19	40,259	4,81		Jul. 19	9,627	38,60
	Oct. 27	40,297	4,04		Oct. 27	9,575	39,32
	Dec. 66	40,341	3,29		Dec. 66	9,516	40,00

Tabulae X. Sect. II. *α Ophiuchi.*

	1780		1780		Var. 10 annor.	
	″		″			
Jan. 0	−1,290	+17,6	− 2,23	−22,4	−1	+1
10	−1,095	+21,1	− 4,45	−21,8	−1	+1
20	−0,868	+24,0	− 6,57	−20,3	−2	+1
30	−0,616	+26,2	− 8,51	−18,1	−2	+1
Febr. 9	−0,344	+27,8	−10,18	−15,1	−2	+1
19	−0,060	+28,8	−11,53	−11,6	−2	+1
Mart. 1	+0,231	+29,2	−12,50	− 7,7	−3	+1
11	+0,523	+29,1	−13,06	− 3,5	−3	+1
21	+0,812	+28,6	−13,20	+ 0,8	−2	+1
31	+1,094	+27,6	−12,91	+ 4,9	−2	+1
Apr. 10	+1,364	+26,3	−12,23	+ 8,6	−2	+1
20	+1,620	+24,7	−11,19	+11,9	−2	+1
30	+1,858	+22,7	− 9,85	+14,7	−2	+1
Maj. 10	+2,074	+20,4	− 8,26	+16,8	−1	+1
20	+2,266	+17,7	− 6,50	+18,2	−1	+1
30	+2,428	+14,7	− 4,62	+19,0	0	+1
Jun. 9	+2,559	+11,4	− 2,70	+19,2	0	+1
19	+2,655	+ 7,8	− 0,79	+18,7	0	+1
29	+2,715	+ 4,0	+ 1,04	+17,8	+1	+1
Jul. 9	+2,735	+ 0,1	+ 2,77	+16,5	+1	+1
19	+2,717	− 3,7	+ 4,33	+14,7	+2	+1
29	+2,661	− 7,4	+ 5,70	+12,7	+2	+2
Aug. 8	+2,569	−10,8	+ 6,86	+10,5	+2	+2
18	+2,446	−13,7	+ 7,79	+ 8,0	+2	+2
28	+2,296	−16,0	+ 8,46	+ 5,4	+3	+2
Sept. 7	+2,126	−17,6	+ 8,87	+ 2,8	+3	+2
17	+1,945	−18,2	+ 9,01	0,0	+3	+3
27	+1,762	−17,9	+ 8,87	− 2,8	+3	+3
Oct. 7	+1,587	−16,7	+ 8,45	− 5,6	+3	+3
17	+1,428	−14,6	+ 7,75	− 8,5	+2	+3
27	+1,296	−11,5	+ 6,76	−11,3	+2	+4
Nov. 6	+1,199	− 7,7	+ 5,50	−14,0	+2	+4
16	+1,143	− 3,4	+ 3,97	−16,5	+2	+4
26	+1,132	+ 1,3	+ 2,21	−18,7	+1	+4
Dec. 6	+1,168	+ 6,1	+ 0,24	−20,5	+1	+5
16	+1,253	+10,8	− 1,89	−21,8	0	+5
26	+1,383	+15,1	− 4,11	−22,3	0	+5
36	+1,554	+19,0	− 6,35	−22,2	−1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	17 24 16,1304	+12 44 36,883
1771	24 18,9056	44 33,561
1772	24 21,6808	44 30,242
1773	24 24,4561	44 26,928
1774	24 27,2314	44 23,617
1775	24 30,0068	44 20,311
1776	24 32,7822	44 17,008
1777	24 35,5576	44 13,710
1778	24 38,3330	44 10,415
1779	24 41,1084	44 7,125
1780	24 43,8839	44 3,838
1781	24 46,6594	44 0,556
1782	24 49,4350	43 57,277
1783	24 52,2106	43 54,003
1784	24 54,9863	43 50,732
1785	24 57,7620	43 47,466
1786	25 0,5377	43 44,204
1787	25 3,3135	43 40,945
1788	25 6,0893	43 37,691
1789	25 8,8650	43 34,440
1790	25 11,6409	43 31,194

Diei reducto addendum est:

ante } Dec. 13 { + 1
post } Dec. 13 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Lyrae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	18 29 9,876	+38 34 56,59	1780	Jan. 1	18 29 28,892	+38 35 16,41
	Apr. 10	9,862	57,36		Apr. 10	28,921	15,77
	Jul. 19	9,842	58,08		Jul. 19	28,955	15,19
	Oct. 27	9,817	58,77		Oct. 27	28,993	14,66
	Dec. 66	9,787	59,41		Dec. 66	29,036	14,19
1771	Jan. 0	18 29 11,827	+38 35 2,02	1781	Jan. 0	18 29 31,051	+38 35 17,19
	Apr. 10	11,793	2,63		Apr. 10	31,096	16,76
	Jul. 19	11,754	3,18		Jul. 19	31,145	16,40
	Oct. 27	11,711	3,68		Oct. 27	31,196	16,10
	Dec. 66	11,663	4,11		Dec. 66	31,250	15,87
1772	Jan. 1	18 29 13,709	+38 35 6,79	1782	Jan. 0	18 29 33,261	+38 35 18,79
	Apr. 10	13,658	7,18		Apr. 10	33,317	18,61
	Jul. 19	13,605	7,49		Jul. 19	33,375	18,50
	Oct. 27	13,549	7,73		Oct. 27	33,434	18,46
	Dec. 66	13,489	7,89		Dec. 66	33,494	18,50
1773	Jan. 0	18 29 15,538	+38 35 10,67	1783	Jan. 0	18 29 35,503	+38 35 21,34
	Apr. 10	15,477	10,78		Apr. 10	35,564	21,42
	Jul. 19	15,416	10,81		Jul. 19	35,625	21,58
	Oct. 27	15,353	10,77		Oct. 27	35,685	21,81
	Dec. 66	15,289	10,64		Dec. 66	35,745	22,11
1774	Jan. 0	18 29 17,339	+38 35 13,52	1784	Jan. 1	18 29 37,754	+38 35 24,85
	Apr. 10	17,275	13,34		Apr. 10	37,814	25,19
	Jul. 19	17,212	13,09		Jul. 19	37,871	25,60
	Oct. 27	17,150	12,77		Oct. 27	37,926	26,07
	Dec. 66	17,089	12,37		Dec. 66	37,979	26,60
1775	Jan. 0	18 29 19,139	+38 35 15,34	1785	Jan. 0	18 29 39,991	+38 35 29,27
	Apr. 10	19,079	14,89		Apr. 10	40,043	29,84
	Jul. 19	19,022	14,39		Jul. 19	40,091	30,46
	Oct. 27	18,969	13,83		Oct. 27	40,135	31,12
	Dec. 66	18,918	13,20		Dec. 66	40,176	31,82
1776	Jan. 1	18 29 20,964	+38 35 16,25	1786	Jan. 0	18 29 42,192	+38 35 34,44
	Apr. 10	20,916	15,59		Apr. 10	42,230	35,17
	Jul. 19	20,872	14,90		Jul. 19	42,263	35,93
	Oct. 27	20,833	14,16		Oct. 27	42,291	36,71
	Dec. 66	20,799	13,39		Dec. 66	42,314	37,52
1777	Jan. 0	18 29 22,839	+38 35 16,49	1787	Jan. 0	18 29 44,336	+38 35 40,11
	Apr. 10	22,808	15,70		Apr. 10	44,356	40,93
	Jul. 19	22,783	14,90		Jul. 19	44,370	41,75
	Oct. 27	22,763	14,08		Oct. 27	44,379	42,57
	Dec. 66	22,748	13,25		Dec. 66	44,382	43,39
1778	Jan. 0	18 29 24,782	+38 35 16,37	1788	Jan. 1	18 29 46,411	+38 35 45,98
	Apr. 10	24,771	15,54		Apr. 10	46,410	46,79
	Jul. 19	24,766	14,72		Jul. 19	46,404	47,58
	Oct. 27	24,767	13,92		Oct. 27	46,391	48,35
	Dec. 66	24,773	13,13		Dec. 66	46,373	49,09
1779	Jan. 0	18 29 26,800	+38 35 16,23	1789	Jan. 0	18 29 48,409	+38 35 51,71
	Apr. 10	26,810	15,46		Apr. 10	48,387	52,42
	Jul. 19	26,825	14,72		Jul. 19	48,360	53,09
	Oct. 27	26,846	14,01		Oct. 27	48,328	53,71
	Dec. 66	26,872	13,34		Dec. 66	48,291	54,28

Tabulae X. Sect. II. *α Lyrae.*

	1780		1780		Var. 10 annor.	
Jan. 0	−1″,700	+ 9,0	− 0″,94	−31,2	0	+2
10	−1,585	+13,9	− 4,06	−30,8	−1	+2
20	−1,422	+18,5	− 7,09	−29,4	−1	+2
30	−1,215	+22,5	− 9,93	−26,8	−1	+2
Febr. 9	−0,972	+25,9	−12,45	−23,2	−2	+2
19	−0,697	+28,8	−14,57	−18,7	−2	+2
Mart. 1	−0,397	+30,9	−16,19	−13,5	−2	+1
11	−0,079	+32,4	−17,27	− 7,9	−2	+1
21	+0,251	+33,2	−17,76	− 2,0	−2	+1
31	+0,585	+33,3	−17,66	+ 4,0	−2	0
Apr. 10	+0,917	+32,8	−16,97	+ 9,7	−2	0
20	+1,240	+31,5	−15,73	+15,0	−2	0
30	+1,547	+29,7	−13,98	+19,6	−2	0
Maj. 10	+1,833	+27,2	−11,81	+23,5	−2	0
20	+2,091	+24,2	− 9,29	+26,5	−1	0
30	+2,316	+20,5	− 6,51	+28,7	−1	0
Jun. 9	+2,501	+16,4	− 3,55	+30,0	0	0
19	+2,644	+11,9	− 0,51	+30,4	0	0
29	+2,739	+ 7,1	+ 2,53	+30,1	0	0
Jul. 9	+2,786	+ 2,7	+ 5,50	+28,9	+1	0
19	+2,782	− 2,9	+ 8,31	+27,1	+1	0
29	+2,728	− 7,8	+10,91	+24,7	+1	0
Aug. 8	+2,626	−12,4	+13,24	+21,7	+2	+1
18	+2,480	−16,6	+15,24	+18,3	+2	+1
28	+2,295	−10,1	+16,89	+14,6	+2	+1
Sept. 7	+2,078	−22,9	+18,15	+10,5	+2	+1
17	+1,838	−24,7	+18,98	+ 6,2	+2	+2
27	+1,585	−25,6	+19,38	+ 1,7	+2	+2
Oct. 7	+1,327	−25,4	+19,32	− 2,9	+2	+3
17	+1,078	−24,1	+18,80	− 7,5	+2	+3
27	+0,845	−21,9	+17,83	−12,0	+2	+3
Nov. 6	+0,641	−18,6	+16,40	−16,4	+2	+4
16	+0,473	−14,6	+14,55	−20,5	+2	+4
26	+0,349	−10,0	+12,31	−24,1	+1	+4
Dec. 6	+0,274	− 4,9	+ 9,73	−27,1	+1	+5
16	+0,252	+ 0,5	+ 6,89	−29,4	+1	+5
26	+0,283	+ 5,7	+ 3,85	−30,8	0	+5
36	+0,366	+10,9	+ 0,73	−31,2	0	+5

	A. R. med.	Decl. med.
1770	18ʰ 29′ 9″,2082	+38° 34′ 53″,318
1771	29 11,2373	34 56,136
1772	29 13,2664	34 58,957
1773	29 15,2955	35 1,781
1774	29 17,3247	35 4,607
1775	29 19,3538	35 7,436
1776	29 21,3830	35 10,268
1777	29 23,4122	35 13,103
1778	29 25,4414	35 15,941
1779	29 27,4706	35 18,781
1780	29 29,4997	35 21,626
1781	29 31,5289	35 24,473
1782	29 33,5581	35 27,323
1783	29 35,5874	35 30,176
1784	29 37,6167	35 33,031
1785	29 39,6460	35 35,890
1786	29 41,6753	35 38,752
1787	29 43,7046	35 41,616
1788	29 45,7339	35 44,483
1789	29 47,7633	35 47,353
1790	29 49,7927	35 50,226

Diei reducto addendum est:

ante } Dec. 28 { + 1
post } Dec. 28 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *γ Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	19 35 20,271	+ 10 4 9,23	1780	Jan. 1	19 35 47,053	+ 10 5 19,07
	Apr. 10	20,247	9,87		Apr. 10	47,098	18,58
	Jul. 19	20,216	10,47		Jul. 19	47,149	18,15
	Oct. 27	20,177	11,02		Oct. 27	47,206	17,79
	Dec. 66	20,131	11,52		Dec. 66	47,269	17,49
1771	Jan. 0	19 35 23,003	+ 10 4 19,46	1781	Jan. 0	19 35 50,103	+ 10 5 25,72
	Apr. 10	22,952	19,91		Apr. 10	50,169	25,46
	Jul. 19	22,894	20,30		Jul. 19	50,240	25,28
	Oct. 27	22,830	20,62		Oct. 27	50,314	25,16
	Dec. 66	22,760	20,87		Dec. 66	50,393	25,11
1772	Jan. 1	19 35 25,640	+ 10 4 28,90	1782	Jan. 0	19 35 53,222	+ 10 5 33,26
	Apr. 10	25,566	29,10		Apr. 10	53,303	33,25
	Jul. 19	25,489	29,23		Jul. 19	53,385	33,32
	Oct. 27	25,407	29,28		Oct. 27	53,469	33,47
	Dec. 66	25,322	29,26		Dec. 66	53,554	33,68
1773	Jan. 0	19 35 28,206	+ 10 4 37,38	1783	Jan. 0	19 35 56,381	+ 10 5 41,75
	Apr. 10	28,119	37,31		Apr. 10	56,467	42,00
	Jul. 19	28,031	37,16		Jul. 19	56,552	42,31
	Oct. 27	27,942	36,94		Oct. 27	56,637	42,69
	Dec. 66	27,851	36,64		Dec. 66	56,721	43,13
1774	Jan. 0	19 35 30,737	+ 10 4 44,86	1784	Jan. 1	19 35 59,548	+ 10 5 51,12
	Apr. 10	30,647	44,52		Apr. 10	59,631	51,60
	Jul. 19	30,558	44,11		Jul. 19	59,710	52,13
	Oct. 27	30,472	43,64		Oct. 27	59,787	52,72
	Dec. 66	30,387	43,10		Dec. 66	59,860	53,35
1775	Jan. 0	19 35 33,270	+ 10 4 51,40	1785	Jan. 0	19 36 2,691	+ 10 6 1,28
	Apr. 10	33,188	50,83		Apr. 10	2,762	1,94
	Jul. 19	33,110	50,21		Jul. 19	2,827	2,63
	Oct. 27	33,037	49,55		Oct. 27	2,886	3,36
	Dec. 66	32,968	48,84		Dec. 66	2,940	4,11
1776	Jan. 1	19 35 35,845	+ 10 4 57,20	1786	Jan. 0	19 36 5,778	+ 10 6 12,01
	Apr. 10	35,780	56,47		Apr. 10	5,829	12,78
	Jul. 19	35,722	55,72		Jul. 19	5,872	13,56
	Oct. 27	35,670	54,94		Oct. 27	5,908	14,35
	Dec. 66	35,625	54,15		Dec. 66	5,937	15,14
1777	Jan. 0	19 35 38,494	+ 10 5 2,54	1787	Jan. 0	19 36 8,784	+ 10 6 23,03
	Apr. 10	38,454	1,74		Apr. 10	8,808	23,83
	Jul. 19	38,422	0,94		Jul. 19	8,824	24,61
	Oct. 27	38,397	0,15		Oct. 27	8,833	25,37
	Dec. 66	38,380	4 59,36		Dec. 66	8,833	26,12
1778	Jan. 0	19 35 41,240	+ 10 5 7,75	1788	Jan. 1	19 36 11,689	+ 10 6 34,04
	Apr. 10	41,229	6,97		Apr. 10	11,684	35,77
	Jul. 19	41,226	6,22		Jul. 19	11,671	35,46
	Oct. 27	41,231	5,50		Oct. 27	11,649	36,11
	Dec. 66	41,244	4,80		Dec. 66	11,620	36,72
1779	Jan. 0	19 35 44,094	+ 10 5 13,16	1789	Jan. 0	19 36 14,486	+ 10 6 44,69
	Apr. 10	44,112	12,49		Apr. 10	14,451	45,27
	Jul. 19	44,138	11,87		Jul. 19	14,409	45,79
	Oct. 27	44,171	11,29		Oct. 27	14,360	46,26
	Dec. 66	44,212	10,77		Dec. 66	14,304	46,66

Tabulae X. Sect. II. *γ Aquilae.*

	1780		1780		Var. 10 annor.	
Jan. 0	−1,294″	+ 5,2	+ 0,08″	−17,2	+1	+1
10	−1,223	+ 8,9	− 1,66	−17,4	0	+1
20	−1,116	+12,4	− 3,39	−16,9	0	+1
30	−0,975	+15,6	− 5,03	−15,7	−1	+1
Febr. 9	−0,804	+18,5	− 6,53	−13,8	−1	+1
19	−0,606	+21,1	− 7,79	−11,2	−2	+1
Mart. 1	−0,383	+23,3	− 8,77	− 8,1	−2	+1
11	−0,140	+25,2	− 9,41	− 4,6	−2	+1
21	+0,121	+26,9	− 9,69	− 0,8	−2	+1
31	+0,397	+28,1	− 9,57	+ 3,2	−3	0
Apr. 10	+0,783	+28,9	− 9,06	+ 7,0	−3	0
20	+0,974	+29,3	− 8,18	+10,5	−3	0
30	+1,268	+29,1	− 6,97	+13,6	−3	0
Maj. 10	+1,556	+28,4	− 5,46	+16,4	−2	0
20	+1,835	+27,1	− 3,70	+18,5	−2	0
30	+2,098	+25,2	− 1,77	+19,9	−2	+1
Jun. 9	+2,339	+22,7	+ 0,28	+20,8	−1	+1
19	+2,552	+19,6	+ 2,38	+21,0	−1	+1
29	+2,731	+16,0	+ 4,47	+20,7	−1	+1
Jul. 9	+2,872	+12,0	+ 6,51	+19,9	0	+1
19	+2,971	+ 7,8	+ 8,44	+18,6	0	+1
29	+3,027	+ 3,3	+10,22	+16,9	0	+2
Aug. 8	+3,037	− 1,1	+11,82	+15,0	+1	+2
18	+3,005	− 5,3	+13,22	+12,9	+1	+2
28	+2,932	− 9,1	+14,39	+10,5	+2	+2
Sept. 7	+2,823	−12,4	+15,32	+ 8,1	+2	+3
17	+2,685	−14,8	+16,00	+ 5,6	+2	+3
27	+2,527	−16,6	+16,43	+ 3,1	+2	+3
Oct. 7	+2,354	−17,4	+16,61	+ 0,5	+3	+3
17	+2,179	−17,2	+16,52	− 2,2	+3	+4
27	+2,010	−16,2	+16,18	− 4,7	+3	+4
Nov. 6	+1,856	−14,3	+15,59	− 7,2	+2	+4
16	+1,725	−11,7	+14,74	− 9,6	+2	+4
26	+1,623	− 8,5	+13,67	−11,8	+2	+4
Dec. 6	+1,556	− 4,9	+12,38	−13,9	+2	+5
16	+1,526	− 1,1	+10,90	−15,5	+1	+5
26	+1,535	+ 2,9	+ 9,28	−16,7	+1	+5
36	+1,583	+ 6,7	+ 7,57	−17,3	0	+5

	A. R. med.	Decl. med.
1770	19ʰ 35′ 19,3381″	+10° 4′ 4,353″
1771	35 22,1935	4 12,453
1772	35 25,0489	4 20,557
1773	35 27,9042	4 28,665
1774	35 30,7595	4 36,777
1775	35 33,6148	4 44,892
1776	35 36,4701	4 53,010
1777	35 39,3254	5 1,133
1778	35 42,1807	5 9,260
1779	35 45,0360	5 17,390
1780	35 47,8913	5 25,524
1781	35 50,7466	5 33,662
1782	35 53,6018	5 41,804
1783	35 56,4571	5 49,949
1784	35 59,3123	5 58,098
1785	36 2,1676	6 6,251
1786	36 5,0228	6 14,408
1787	36 7,8780	6 22,568
1788	36 10,7333	6 30,732
1789	36 13,5885	6 38,900
1790	36 16,4437	6 47,072

Diei reducto addendum est:

ante } Jan. 11 { 0
post } Jan. 11 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	19 39 34,486	+ 8 16 40,37	1780	Jan. 1	19 40 1,988	+ 8 17 57,19
	Apr. 10	34,462	41,01		Apr. 10	2,035	56,71
	Jul. 19	34,430	41,60		Jul. 19	2,087	56,29
	Oct. 27	34,390	42,14		Oct. 27	2,145	55,94
	Dec. 66	34,342	42,62		Dec. 66	2,210	55,65
1771	Jan. 0	19 39 37,288	+ 8 16 51,28	1781	Jan. 0	19 40 5,117	+ 8 18 4,59
	Apr. 10	37,236	51,72		Apr. 10	5,185	4,35
	Jul. 19	37,177	52,10		Jul. 19	5,257	4,17
	Oct. 27	37,112	52,41		Oct. 27	5,331	4,06
	Dec. 66	37,041	52,65		Dec. 66	5,412	4,02
1772	Jan. 1	19 39 39,995	+ 8 17 1,39	1782	Jan. 0	19 40 8,315	+ 8 18 12,88
	Apr. 10	39,920	1,58		Apr. 10	8,397	12,89
	Jul. 19	39,841	1,70		Jul. 19	8,480	12,97
	Oct. 27	39,758	1,74		Oct. 27	8,565	13,12
	Dec. 66	39,672	1,70		Dec. 66	8,652	13,34
1773	Jan. 0	19 39 42,630	+ 8 17 10,54	1783	Jan. 0	19 40 11,553	+ 8 18 22,11
	Apr. 10	42,542	10,46		Apr. 10	11,638	22,37
	Jul. 19	42,452	10,30		Jul. 19	11,723	22,70
	Oct. 27	42,362	10,06		Oct. 27	11,810	23,09
	Dec. 66	42,270	9,75		Dec. 66	11,897	23,54
1774	Jan. 0	19 39 45,230	+ 8 17 18,69	1784	Jan. 1	19 40 14,798	+ 8 18 32,25
	Apr. 10	45,138	18,34		Apr. 10	14,882	32,73
	Jul. 19	45,049	17,92		Jul. 19	14,962	33,27
	Oct. 27	44,965	17,44		Oct. 27	15,039	33,85
	Dec. 66	44,876	16,89		Dec. 66	15,113	34,49
1775	Jan. 0	19 39 47,833	+ 8 17 25,91	1785	Jan. 0	19 40 18,019	+ 8 18 43,14
	Apr. 10	47,750	25,33		Apr. 10	18,089	43,80
	Jul. 19	47,671	24,71		Jul. 19	18,154	44,50
	Oct. 27	47,697	24,04		Oct. 27	18,214	45,22
	Dec. 66	47,528	23,33		Dec. 66	18,269	45,98
1776	Jan. 1	19 39 50,479	+ 8 17 32,40	1786	Jan. 0	19 40 21,181	+ 8 18 54,59
	Apr. 10	50,413	31,67		Apr. 10	21,231	55,36
	Jul. 19	50,355	30,91		Jul. 19	21,274	56,14
	Oct. 27	50,303	30,14		Oct. 27	21,310	56,93
	Dec. 66	50,258	29,35		Dec. 66	21,340	57,72
1777	Jan. 0	19 39 53,201	+ 8 17 38,45	1787	Jan. 0	19 40 24,260	+ 8 19 6,32
	Apr. 10	53,161	37,65		Apr. 10	24,284	7,11
	Jul. 19	53,129	36,85		Jul. 19	24,300	7,89
	Oct. 27	53,105	36,06		Oct. 27	24,308	8,65
	Dec. 66	53,089	35,28		Dec. 66	24,308	9,39
1778	Jan. 0	19 39 56,022	+ 8 17 44,38	1788	Jan. 1	19 40 27,238	+ 8 19 18,02
	Apr. 10	56,012	43,61		Apr. 10	27,232	18,74
	Jul. 19	56,009	42,86		Jul. 19	27,218	19,42
	Oct. 27	56,014	42,15		Oct. 27	27,196	20,07
	Dec. 66	56,027	41,46		Dec. 66	27,165	20,67
1779	Jan. 0	19 39 58,952	+ 8 17 50,52	1789	Jan. 0	19 40 30,105	+ 8 19 29,36
	Apr. 10	58,971	49,86		Apr. 10	30,069	29,93
	Jul. 19	58,998	49,25		Jul. 19	30,026	30,44
	Oct. 27	59,032	48,68		Oct. 27	29,976	30,89
	Dec. 66	59,074	48,17		Dec. 66	29,919	31,28

Tabulae X. Sect. II. α *Aquilae.*

	1780		1780		Var. 10 annor.	
Jan. 0	−1″,281	+ 5,1	− 0″,03	−16,0	+1	+1
10	−1,211	+ 8,8	− 1,65	−16,2	0	+1
20	−1,106	+12,2	− 3,26	−15,7	0	+1
30	−0,967	+15,4	− 4,79	−14,6	−1	+1
Febr. 9	−0,798	+18,3	− 6,18	−12,8	−1	+1
19	−0,602	+20,8	− 7,35	−10,3	−2	+1
Mart. 1	−0,382	+23,1	− 8,24	− 7,3	−2	+1
11	−0,140	+25,1	− 8,81	− 3,9	−2	+1
21	+0,119	+26,7	− 9,02	− 0,3	−3	0
31	+0,394	+28,0	− 8,86	+ 3,5	−3	0
Apr. 10	+0,679	+28,9	− 8,33	+ 7,1	−3	0
20	+0,972	+29,4	− 7,44	+10,6	−3	0
30	+1,266	+29,3	− 6,22	+13,6	−3	0
Maj. 10	+1,557	+28,7	− 4,73	+16,1	−2	0
20	+1,839	+27,4	− 3,01	+18,1	−2	0
30	+2,105	+25,6	− 1,11	+19,5	−2	+1
Jun. 9	+2,351	+23,2	+ 0,88	+20,2	−2	+1
19	+2,568	+20,1	+ 2,93	+20,4	−1	+1
29	+2,753	+16,6	+ 4,96	+20,1	−1	+1
Jul. 9	+2,900	+12,6	+ 6,94	+19,2	0	+1
19	+3,005	+ 8,4	+ 8,80	+17,9	0	+2
29	+3,067	+ 4,0	+10,51	+16,3	0	+2
Aug. 8	+3,084	− 0,5	+12,05	+14,4	+1	+2
18	+3,058	− 4,7	+13,38	+12,3	+1	+2
28	+2,991	− 8,5	+14,50	+10,0	+2	+3
Sept. 7	+2,883	−11,8	+15,38	+ 7,7	+2	+3
17	+2,755	−14,4	+16,03	+ 5,3	+2	+3
27	+2,600	−16,2	+16,44	+ 2,9	+2	+3
Oct. 7	+2,432	−17,0	+16,61	+ 0,5	+3	+4
17	+2,261	−16,9	+16,54	− 2,0	+3	+4
27	+2,094	−15,9	+16,22	− 4,4	+3	+4
Nov. 6	+1,943	−14,1	+15,67	− 6,7	+3	+4
16	+1,813	−11,6	+14,89	− 8,9	+2	+4
26	+1,712	− 8,4	+13,89	−11,0	+2	+4
Dec. 6	+1,645	− 4,9	+12,69	−12,9	+2	+5
16	+1,615	− 1,1	+11,32	−14,4	+1	+5
26	+1,623	+ 2,8	+ 9,81	−15,6	+1	+5
36	+1,670	+ 6,5	+ 8,21	−16,2	0	+5

	A. R. med.	Decl. med.
1770	19ʰ 39′ 33″,5422	+ 8° 16′ 35″,412
1771	39 36,4716	16 44,224
1772	39 39,4010	16 53,039
1773	39 42,3304	17 1,858
1774	39 45,2597	17 10,681
1775	39 48,1890	17 19,508
1776	39 51,1183	17 28,339
1777	39 54,0475	17 37,174
1778	39 56,9768	17 46,012
1779	39 59,9060	17 54,854
1780	40 2,8353	18 3,700
1781	40 5,7645	18 12,550
1782	40 8,6937	18 21,404
1783	40 11,6230	18 30,262
1784	40 14,5522	18 39,123
1785	40 17,4814	18 47,987
1786	40 20,4106	18 56,856
1787	40 23,3398	19 5,729
1788	40 26,2688	19 14,606
1789	40 29,1979	19 23,487
1790	40 32,1270	19 32,371

Diei reducto addendum est:

ante } Jan. 12 { 0
post } Jan. 12 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *β Aquilae.*

		h ′ ″	° ′ ″
1770	Jan. 0	19 44 1,705	+ 5 50 56,09
	Apr. 10	1,679	56,72
	Jul. 19	1,645	57,30
	Oct. 27	1,603	57,83
	Dec. 66	1,554	58,30
1771	Jan. 0	19 44 4,523	+ 5 51 6,45
	Apr. 10	4,469	6,88
	Jul. 19	4,408	7,25
	Oct. 27	4,341	7,54
	Dec. 66	4,268	7,77
1772	Jan. 1	19 44 7,244	+ 5 51 16,01
	Apr. 10	7,167	16,19
	Jul. 19	7,086	16,29
	Oct. 27	7,001	16,32
	Dec. 66	6,913	16,27
1773	Jan. 0	19 44 9,894	+ 5 51 24,61
	Apr. 10	9,803	24,51
	Jul. 19	9,712	24,34
	Oct. 27	9,620	24,09
	Dec. 66	9,527	23,77
1774	Jan. 0	19 44 12,509	+ 5 51 32,21
	Apr. 10	12,416	31,85
	Jul. 19	12,325	31,42
	Oct. 27	12,236	30,93
	Dec. 66	12,149	30,38
1775	Jan. 0	19 44 15,129	+ 5 51 38,89
	Apr. 10	15,044	38,30
	Jul. 19	14,964	37,67
	Oct. 27	14,889	37,00
	Dec. 66	14,819	36,29
1776	Jan. 1	19 44 17,793	+ 5 51 44,86
	Apr. 10	17,727	44,12
	Jul. 19	17,668	43,36
	Oct. 27	17,616	42,59
	Dec. 66	17,570	41,80
1777	Jan. 0	19 44 20,536	+ 5 51 50,39
	Apr. 10	20,496	49,59
	Jul. 19	20,464	48,80
	Oct. 27	20,440	48,02
	Dec. 66	20,424	47,24
1778	Jan. 0	19 44 23,379	+ 5 51 55,83
	Apr. 10	23,369	55,06
	Jul. 19	23,368	54,32
	Oct. 27	23,375	53,61
	Dec. 66	23,390	52,93
1779	Jan. 0	19 44 26,334	+ 5 52 1,49
	Apr. 10	26,355	0,84
	Jul. 19	26,383	0,24
	Oct. 27	26,419	51 59,69
	Dec. 66	26,462	59,18
1780	Jan. 1	19 44 29,397	+ 5 52 7,68
	Apr. 10	29,445	7,21
	Jul. 19	29,499	6,81
	Oct. 27	29,559	6,47
	Dec. 66	29;625	6,20
1781	Jan. 0	19 44 32,553	+ 5 52 14,62
	Apr. 10	32,623	14,39
	Jul. 19	32,697	14,23
	Oct. 27	32,775	14,14
	Dec. 66	32,857	14,11
1782	Jan. 0	19 44 35,780	+ 5 52 22,46
	Apr. 10	35,864	22,48
	Jul. 19	35,949	22,57
	Oct. 27	36,036	22,73
	Dec. 66	36,125	22,96
1783	Jan. 0	19 44 39,046	+ 5 52 31,22
	Apr. 10	39,135	31,50
	Jul. 19	39,223	31,83
	Oct. 27	39,310	32,23
	Dec. 66	39,396	32,69
1784	Jan. 1	19 44 42,318	+ 5 52 40,88
	Apr. 10	42,403	41,38
	Jul. 19	42,484	41,92
	Oct. 27	42,562	42,52
	Dec. 66	42,637	43,16
1785	Jan. 0	19 44 45,563	+ 5 52 51,29
	Apr. 10	45,635	51,96
	Jul. 19	45,701	52,66
	Oct. 27	45,761	53,38
	Dec. 66	45,816	54,14
1786	Jan. 0	19 44 48,749	+ 5 53 2,25
	Apr. 10	48,800	3,02
	Jul. 19	48,843	3,79
	Oct. 27	48,879	4,57
	Dec. 66	48,908	5,36
1787	Jan. 0	19 44 51,850	+ 5 53 13,46
	Apr. 10	51,873	14,25
	Jul. 19	51,888	15,02
	Oct. 27	51,895	15,77
	Dec. 66	51,894	16,50
1788	Jan. 1	19 44 54,846	+ 5 53 24,63
	Apr. 10	54,839	25,34
	Jul. 19	54,824	26,02
	Oct. 27	54,800	26,65
	Dec. 66	54,769	27,24
1789	Jan. 0	19 44 57,731	+ 5 53 35,42
	Apr. 10	57,694	35,98
	Jul. 19	57,649	36,48
	Oct. 27	57,597	36,92
	Dec. 66	57,538	37,30

Tabulae X. Sect. II. *β Aquilae.*

	1780		1780		Var. 10 annor.	
Jan. 0	−1,267″	+ 4,8	− 0,23″	−14,8	+1	+1
10	−1,200	+ 8,5	− 1,73	−15,0	0	+1
20	−1,098	+11,9	− 3,22	−14,5	0	+1
30	−0,963	+15,0	− 4,63	−13,4	−1	+1
Febr. 9	−0,798	+17,9	− 5,90	−11,7	−1	+1
19	−0,605	+20,5	− 6,97	− 9,4	−2	+1
Mart. 1	−0,389	+22,7	− 7,78	− 6,6	−2	+1
11	−0,151	+24,8	− 8,28	− 3,3	−2	+1
21	+0,106	+26,5	− 8,44	+ 0,2	−3	0
31	+0,378	+27,8	− 8,25	+ 3,6	−3	0
Apr. 10	+0,661	+28,7	− 7,72	+ 7,1	−3	0
20	+0,952	+29,3	− 6,84	+10,3	−3	0
30	+1,246	+29,3	− 5,67	+13,1	−3	0
Maj. 10	+1,537	+28,7	− 4,23	+15,5	−2	0
20	+1,820	+27,6	− 2,58	+17,3	−2	0
30	+2,089	+25,9	− 0,78	+18,5	−2	+1
Jun. 9	+2,338	+23,5	+ 1,11	+19,1	−2	+1
19	+2,559	+20,5	+ 3,04	+19,2	−1	+1
29	+2,748	+17,0	+ 4,95	+18,8	−1	+1
Jul. 9	+2,900	+13,0	+ 6,79	+17,9	−1	+1
19	+3,010	+ 8,9	+ 8,52	+16,6	0	+2
29	+3,077	+ 4,5	+10,10	+14,9	0	+2
Aug. 8	+3,100	+ 0,1	+11,50	+13,0	+1	+2
18	+3,078	− 4,2	+12,70	+11,0	+1	+2
28	+3,016	− 8,1	+13,70	+ 8,9	+1	+3
Sept. 7	+2,917	−11,4	+14,48	+ 6,7	+2	+3
17	+2,788	−14,0	+15,04	+ 4,5	+2	+3
27	+2,637	−15,9	+15,37	+ 2,3	+2	+3
Oct. 7	+2,471	−16,8	+15,49	+ 0,1	+2	+3
17	+2,302	−16,7	+15,38	− 2,2	+3	+4
27	+2,137	−15,8	+15,05	− 4,4	+3	+4
Nov. 6	+1,986	−14,1	+14,51	− 6,4	+3	+4
16	+1,856	−11,6	+13,77	− 8,4	+2	+4
26	+1,755	− 8,5	+12,83	−10,4	+2	+4
Dec. 6	+1,687	− 5,0	+11,70	−12,0	+2	+4
16	+1,655	− 1,3	+10,43	−13,4	+1	+4
26	+1,661	+ 2,5	+ 9,02	−14,4	+1	+4
36	+1,705	+ 6,2	+ 7,55	−15,0	0	+4

	A. R. med.	Decl. med.
1770	19h 44′ 0″,7459	+ 5° 50′ 51″,041
1771	44 3,6968	50 59,346
1772	44 6,6477	51 7,655
1773	44 9,5986	51 15,968
1774	44 12,5495	51 24,285
1775	44 15,5004	51 32,605
1776	44 18,4512	51 40,929
1777	44 21,4022	51 49,257
1778	44 24,3530	51 57,588
1779	44 27,3038	52 5,923
1780	44 30,2545	52 14,262
1781	44 33,2053	52 22,604
1782	44 36,1561	52 30,950
1783	44 39,1069	52 39,300
1784	44 42,0576	52 47,654
1785	44 45,0083	52 56,011
1786	44 47,9590	53 4,372
1787	44 50,9097	53 12,737
1788	44 53,8604	53 21,105
1789	44 56,8111	53 29,477
1790	44 59,7617	53 37,853

Diei reducto addendum est:

ante } Jan. 13 { 0
post } Jan. 13 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. 1 *α Capricorni.*

		h ′ ″	° ′ ″
1770	Jan. 0	20 4 54,109	—13 12 4,06
	Apr. 10	54,070	3,48
	Jul. 19	54,024	2,96
	Oct. 27	53,969	2,49
	Dec. 66	53,905	2,07
1771	Jan. 0	20 4 57,265	—13 11 51,83
	Apr. 10	57,196	51,46
	Jul. 19	57,120	51,15
	Oct. 27	57,038	50,92
	Dec. 66	56,949	50,75
1772	Jan. 1	20 5 0,317	—13 11 40,42
	Apr. 10	0,225	40,30
	Jul. 19	0,129	40,26
	Oct. 27	0,029	40,29
	Dec. 66	4 59,926	40,40
1773	Jan. 0	20 5 3,298	—13 11 29,97
	Apr. 10	3,194	30,13
	Jul. 19	3,089	30,36
	Oct. 27	2,984	30,65
	Dec. 66	2,879	31,02
1774	Jan. 0	20 5 6,251	—13 11 20,50
	Apr. 10	6,147	20,91
	Jul. 19	6,046	21,38
	Oct. 27	5,948	21,91
	Dec. 66	5,854	22,49
1775	Jan. 0	20 5 9,222	—13 11 11,89
	Apr. 10	9,131	12,50
	Jul. 19	9,046	13,16
	Oct. 27	8,967	13,85
	Dec. 66	8,894	14,57
1776	Jan. 1	20 5 12,254	—13 11 3,93
	Apr. 10	12,187	4,67
	Jul. 19	12,128	5,43
	Oct. 27	12,077	6,20
	Dec. 66	12,034	6,99
1777	Jan. 0	20 5 15,384	—13 10 56,32
	Apr. 10	15,347	57,10
	Jul. 19	15,320	57,88
	Oct. 27	15,302	58,64
	Dec. 66	15,294	59,39
1778	Jan. 0	20 5 18,633	—13 10 48,74
	Apr. 10	18,631	49,47
	Jul. 19	18,639	50,17
	Oct. 27	18,656	50,84
	Dec. 66	18,682	51,47
1779	Jan. 0	20 5 22,009	—13 10 40,85
	Apr. 10	22,041	41,46
	Jul. 19	22,082	42,01
	Oct. 27	22,131	42,51
	Dec. 66	22,189	42,96
1780	Jan. 1	20 5 25,505	—13 10 32,40
	Apr. 10	25,567	32,81
	Jul. 19	25,636	33,15
	Oct. 27	25,711	33,43
	Dec. 66	25,792	33,65
1781	Jan. 0	20 5 29,101	—13 10 23,16
	Apr. 10	29,186	23,33
	Jul. 19	29,274	23,44
	Oct. 27	29,366	23,47
	Dec. 66	29,462	23,44
1782	Jan. 0	20 5 32,766	—13 10 13,04
	Apr. 10	32,864	12,96
	Jul. 19	32,963	12,81
	Oct. 27	33,063	12,60
	Dec. 66	33,164	12,32
1783	Jan. 0	20 5 36,467	—13 10 1,99
	Apr. 10	36,567	1,67
	Jul. 19	36,666	1,29
	Oct. 27	36,763	0,86
	Dec. 66	36,858	0,36
1784	Jan. 1	20 5 40,163	—13 9 50,10
	Apr. 10	40,256	49,57
	Jul. 19	40,344	49,00
	Oct. 27	40,428	48,38
	Dec. 66	40,507	47,72
1785	Jan. 0	20 5 43,817	—13 9 37,51
	Apr. 10	43,893	36,83
	Jul. 19	43,961	36,12
	Oct. 27	44,022	35,39
	Dec. 66	44,077	34,63
1786	Jan. 0	20 5 47,396	—13 9 24,45
	Apr. 10	47,445	23,68
	Jul. 19	47,486	22,92
	Oct. 27	47,518	22,15
	Dec. 66	47,541	21,38
1787	Jan. 0	20 5 50,870	—13 9 11,19
	Apr. 10	50,888	10,43
	Jul. 19	50,896	9,69
	Oct. 27	50,894	8,98
	Dec. 66	50,883	8,28
1788	Jan. 1	20 5 54,224	—13 8 58,06
	Apr. 10	54,207	57,39
	Jul. 19	54,180	56,76
	Oct. 27	54,144	56,17
	Dec. 66	54,099	55,63
1789	Jan. 0	20 5 57,451	—13 8 45,36
	Apr. 10	57,400	44,85
	Jul. 19	57,341	44,41
	Oct. 27	57,274	44,03
	Dec. 66	57,200	43,71

Tabulae X. Sect. II. 1*α Capricorni.*

	1780		1780		Var. 10 annor.	
Jan. 0	−1″,255	+ 4,3	− 2″,54	− 3,5	+1	−1
10	−1,194	+ 7,9	− 2,88	− 3,1	+1	−1
20	−1,098	+11,3	− 3,16	− 2,5	0	−1
30	−0,969	+14,4	− 3,37	− 1,7	0	−1
Febr. 9	−0,810	+17,3	− 3,49	− 0,5	−1	−1
19	−0,623	+20,0	− 3,47	+ 1,0	−1	−1
Mart. 1	−0,410	+22,5	− 3,30	+ 2,6	−2	−1
11	−0,174	+24,7	− 2,96	+ 4,3	−2	−1
21	+0,083	+26,6	− 2,44	+ 6,2	−3	0
31	+0,357	+28,2	− 1,73	+ 7,9	−3	0
Apr. 10	+0,646	+29,5	− 0,86	+ 9,5	−3	0
20	+0,947	+30,4	+ 0,17	+10,9	−3	0
30	+1,254	+30,8	+ 1,32	+12,0	−3	+1
Maj. 10	+1,563	+30,7	+ 2,56	+12,6	−3	+1
20	+1,868	+30,0	+ 3,84	+12,8	−3	+1
30	+2,162	+28,6	+ 5,12	+12,6	−3	+2
Jun. 9	+2,439	+26,5	+ 6,36	+12,0	−3	+2
19	+2,692	+23,8	+ 7,52	+11,1	−2	+2
29	+2,914	+20,4	+ 8,57	+ 9,8	−2	+3
Jul. 9	+3,100	+16,6	+ 9,48	+ 8,3	−1	+3
19	+3,245	+12,3	+10,23	+ 6,7	−1	+3
29	+3,345	+ 7,7	+10,82	+ 5,0	−1	+4
Aug. 8	+3,398	+ 3,0	+11,23	+ 3,4	0	+4
18	+3,405	− 1,5	+11,49	+ 1,8	0	+4
28	+3,368	− 5,7	+11,59	+ 0,4	+1	+4
Sept. 7	+3,291	− 9,4	+11,57	− 0,7	+1	+4
17	+3,180	−12,5	+11,45	− 1,7	+2	+4
27	+3,042	−14,7	+11,24	− 2,4	+2	+4
Oct. 7	+2,886	−16,0	+10,97	− 3,0	+2	+4
17	+2,722	−16,3	+10,65	− 3,3	+3	+4
27	+2,560	−15,7	+10,31	− 3,5	+3	+4
Nov. 6	+2,409	−14,2	+ 9,96	− 3,6	+3	+4
16	+2,277	−11,9	+ 9,59	− 3,7	+2	+4
26	+2,172	− 8,9	+ 9,22	− 3,8	+2	+4
Dec. 6	+2,099	− 5,5	+ 8,84	− 3,8	+2	+4
16	+2,062	− 1,9	+ 8,46	− 3,8	+1	+4
26	+2,062	+ 1,9	+ 8,09	− 3,6	+1	+4
36	+2,100	+ 5,6	+ 7,74	− 3,4	0	+3

	A. R. med.	Decl. med.
1770	20ʰ 4′ 53″,0523	−13° 12′ 9″,524
1771	4 56,3898	11 59,146
1772	4 59,7272	11 48,764
1773	5 3,0645	11 38,378
1774	5 6,4018	11 27,988
1775	5 9,7390	11 17,593
1776	5 13,0761	11 7,194
1777	5 16,4131	10 56,791
1778	5 19,7500	10 46,384
1779	5 23,0869	10 35,973
1780	5 26,4237	10 25,559
1781	5 29,7604	10 15,140
1782	5 33,0970	10 4,717
1783	5 36,4335	9 54,290
1784	5 39,7700	9 43,859
1785	5 43,1064	9 33,423
1786	5 46,4427	9 22,983
1787	5 49,7789	9 12,539
1788	5 53,1150	9 2,091
1789	5 56,4511	8 51,639
1790	5 59,7871	8 41,184

Diei reducto addendum est:

ante } Jan. 18 { 0
post } Jan. 18 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. 2 *α Capricorni.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	20 5 17,691	—13 14 23,34	1780	Jan. 1	20 5 49,132	—13 12 51,41
	Apr. 10	17,653	22,76		Apr. 10	49,194	51,82
	Jul. 19	17,606	22,24		Jul. 19	49,263	52,16
	Oct. 27	17,550	21,77		Oct. 27	49,338	52,44
	Dec. 66	17,486	21,36		Dec. 66	49,419	52,66
1771	Jan. 0	20 5 20,851	—13 14 11,08	1781	Jan. 0	20 5 52,733	—13 12 42,14
	Apr. 10	20,782	10,71		Apr. 10	52,818	42,31
	Jul. 19	20,706	10,41		Jul. 19	52,906	42,42
	Oct. 27	20,624	10,17		Oct. 27	52,998	42,45
	Dec. 66	20,535	10,01		Dec. 66	53,094	42,42
1772	Jan. 1	20 5 23,907	—13 13 59,65	1782	Jan. 0	20 5 56,403	—13 12 31,99
	Apr. 10	23,815	59,53		Apr. 10	56,501	31,91
	Jul. 19	23,719	59,49		Jul. 19	56,600	31,76
	Oct. 27	23,620	59,53		Oct. 27	56,700	31,54
	Dec. 66	23,517	59,64		Dec. 66	56,801	31,26
1773	Jan. 0	20 5 26,893	—13 13 49,18	1783	Jan. 0	20 6 0,108	—13 12 20,91
	Apr. 10	26,789	49,34		Apr. 10	0,208	20,59
	Jul. 19	26,684	49,56		Jul. 19	0,307	20,21
	Oct. 27	26,579	49,86		Oct. 27	0,404	19,77
	Dec. 66	26,474	50,23		Dec. 66	0,499	19,27
1774	Jan. 0	20 5 29,851	—13 13 39,68	1784	Jan. 1	20 6 3,809	—13 12 8,99
	Apr. 10	29,747	40,09		Apr. 10	3,902	8,46
	Jul. 19	29,646	40,56		Jul. 19	3,990	7,88
	Oct. 27	29,548	41,09		Oct. 27	4,073	7,26
	Dec. 66	29,454	41,67		Dec. 66	4,152	6,60
1775	Jan. 0	20 5 32,826	—13 13 31,05	1785	Jan. 0	20 6 7,468	—13 11 56,37
	Apr. 10	32,735	31,66		Apr. 10	7,543	55,69
	Jul. 19	32,650	32,31		Jul. 19	7,611	54,98
	Oct. 27	32,571	33,00		Oct. 27	7,643	54,25
	Dec. 66	32,498	33,73		Dec. 66	7,727	53,49
1776	Jan. 1	20 5 35,863	—13 13 23,06	1786	Jan. 0	20 6 11,051	—13 11 43,28
	Apr. 10	35,695	23,80		Apr. 10	11,100	42,51
	Jul. 19	35,736	24,56		Jul. 19	11,140	41,75
	Oct. 27	35,685	25,33		Oct. 27	11,172	40,98
	Dec. 66	35,642	26,12		Dec. 66	11,196	40,21
1777	Jan. 0	20 5 38,997	—13 13 15,42	1787	Jan. 0	20 6 14,530	—13 11 30,00
	Apr. 10	38,961	16,21		Apr. 10	14,547	29,24
	Jul. 19	38,934	16,98		Jul. 19	14,555	28,50
	Oct. 27	38,916	17,74		Oct. 27	14,553	27,78
	Dec. 66	38,908	18,49		Dec. 66	14,542	27,09
1778	Jan. 0	20 5 42,251	—13 13 7,81	1788	Jan. 1	20 6 17,888	—13 11 16,84
	Apr. 10	42,249	8,54		Apr. 10	17,870	16,17
	Jul. 19	42,257	9,24		Jul. 19	17,843	15,54
	Oct. 27	42,274	9,91		Oct. 27	17,808	14,96
	Dec. 66	42,300	10,54		Dec. 66	17,763	14,42
1779	Jan. 0	20 5 45,632	—13 12 59,90	1789	Jan. 0	20 6 21,119	—13 11 4,11
	Apr. 10	45,664	13 0,50		Apr. 10	21,068	3,61
	Jul. 19	45,705	1,05		Jul. 19	21,009	3,17
	Oct. 27	45,754	1,55		Oct. 27	20,943	2,79
	Dec. 66	45,811	2,00		Dec. 66	20,868	2,47

Tabulae X. Sect. II. 2α *Capricorni.*

	1780		1780		Var. 10 annor.	
	″		″			
Jan. 0	—1,255	+ 4,2	— 2,56	— 3,5	+1	—1
10	—1,194	+ 7,9	— 2,89	— 3,1	+1	—1
20	—1,098	+11,2	— 3,17	— 2,5	0	—1
30	—0,970	+14,4	— 3,38	— 1,6	0	—1
Febr. 9	—0,810	+17,4	— 3,48	— 0,4	—1	—1
19	—0,623	+20,0	— 3,46	+ 1,0	—1	—1
Mart. 1	—0,411	+22,4	— 3,29	+ 2,6	—2	—1
11	—0,175	+24,6	— 2,95	+ 4,4	—2	—1
21	+0,081	+26,6	— 2,42	+ 6,2	—3	0
31	+0,356	+28,2	— 1,71	+ 8,0	—3	0
Apr. 10	+0,645	+29,5	— 0,83	+ 9,6	—3	0
20	+0,946	+30,4	+ 0,20	+10,9	—3	0
30	+1,253	+30,9	+ 1,35	+12,0	—3	0
Maj. 10	+1,563	+30,8	+ 2,59	+12,6	—3	+1
20	+1,868	+30,0	+ 3,87	+12,8	—3	+1
30	+2,162	+28,6	+ 5,15	+12,6	—3	+2
Jun. 9	+2,440	+26,6	+ 6,39	+12,0	—3	+2
19	+2,693	+23,8	+ 7,55	+11,1	—2	+2
29	+2,915	+20,5	+ 8,60	+ 9,8	—2	+3
Jul. 9	+3,102	+16,6	+ 9,51	+ 8,3	—2	+3
19	+3,247	+12,3	+10,26	+ 6,7	—1	+3
29	+3,347	+ 7,7	+10,84	+ 5,0	—1	+4
Aug. 8	+3,401	+ 3,1	+11,25	+ 3,4	0	+4
18	+3,409	— 1,4	+11,51	+ 1,8	0	+4
28	+3,373	— 5,7	+11,61	+ 0,4	+1	+4
Sept. 7	+3,296	— 9,4	+11,59	— 0,8	+1	+4
17	+3,185	—12,5	+11,46	— 1,7	+2	+4
27	+3,047	—14,7	+11,25	— 2,4	+2	+4
Oct. 7	+2,892	—16,0	+10,98	— 3,0	+2	+4
17	+2,728	—16,3	+10,66	— 3,3	+2	+4
27	+2,566	—15,7	+10,32	— 3,5	+3	+4
Nov. 6	+2,415	—14,2	+ 9,97	— 3,6	+3	+4
16	+2,283	—11,9	+ 9,60	— 3,7	+2	+4
26	+2,178	— 8,9	+ 9,23	— 3,8	+2	+4
Dec. 6	+2,105	— 5,5	+ 8,85	— 3,8	+2	+4
16	+2,068	— 1,9	+ 8,48	— 3,7	+1	+4
26	+2,068	+ 1,9	+ 8,11	— 3,6	+1	+3
36	+2,105	+ 5,6	+ 7,76	— 3,3	0	+3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	20 5 16,6339	—13 14 28,808
1771	5 19,9760	14 18,402
1772	5 23,3180	14 7,992
1773	5 26,6599	13 57,578
1774	5 30,0017	13 47,160
1775	5 33,3434	13 36,738
1776	5 36,6851	13 26,312
1777	5 40,0267	13 15,882
1778	5 43,3682	13 5,448
1779	5 46,7096	12 55,009
1780	5 50,0508	12 44,566
1781	5 53,3921	12 34,119
1782	5 56,7333	12 23,668
1783	6 0,0744	12 13,213
1784	6 3,4154	12 2,754
1785	6 6,7563	11 52,291
1786	6 10,0972	11 41,824
1787	6 13,4380	11 31,353
1788	6 16,7787	11 20,878
1789	6 20,1193	11 10,398
1790	6 23,4597	10 59,914

Diei reducto addendum est:

ante } Jan. 18 { 0
post } Jan. 18 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Cygni*

		h ′ ″	° ′ ″
1770	Jan. 0	20 33 36,619	+44 28 9,13
	Apr. 10	36,632	9,63
	Jul. 19	36,638	10,08
	Oct. 27	36,637	10,46
	Dec. 66	36,630	10,79
1771	Jan. 0	20 33 38,673	+44 28 23,14
	Apr. 10	38,661	23,43
	Jul. 19	38,643	23,64
	Oct. 27	38,618	23,79
	Dec. 66	38,586	23,86
1772	Jan. 1	20 33 40,637	+44 28 36,30
	Apr. 10	40,602	36,33
	Jul. 19	40,561	36,29
	Oct. 27	40,514	36,17
	Dec. 66	40,462	35,98
1773	Jan. 0	20 33 42,520	+44 28 48,51
	Apr. 10	42,464	48,28
	Jul. 19	42,405	47,98
	Oct. 27	42,342	47,62
	Dec. 66	42,276	47,19
1774	Jan. 0	20 33 44,339	+44 28 59,79
	Apr. 10	44,270	59,32
	Jul. 19	44,200	58,81
	Oct. 27	44,129	58,24
	Dec. 66	44,056	57,62
1775	Jan. 0	20 33 46,121	+44 29 10,29
	Apr. 10	46,048	9,64
	Jul. 19	45,975	8,97
	Oct. 27	45,904	8,26
	Dec. 66	45,834	7,55
1776	Jan. 1	20 33 47,897	+44 29 20,24
	Apr. 10	47,828	19,49
	Jul. 19	47,762	18,74
	Oct. 27	47,699	17,99
	Dec. 66	47,639	17,23
1777	Jan. 0	20 33 49,698	+44 29 29,94
	Apr. 10	49,641	29,19
	Jul. 19	49,589	28,45
	Oct. 27	49,542	27,73
	Dec. 66	49,499	27,03
1778	Jan. 0	20 33 51,552	+44 29 39,73
	Apr. 10	51,513	39,05
	Jul. 19	51,481	38,40
	Oct. 27	51,454	37,80
	Dec. 66	51,433	37,24
1779	Jan. 0	20 33 53,479	+44 29 49,89
	Apr. 10	53,462	49,36
	Jul. 19	53,452	48,88
	Oct. 27	53,448	48,46
	Dec. 66	53,450	48,10
1780	Jan. 1	20 33 55,489	+44 30 0,68
	Apr. 10	55,495	0,36
	Jul. 19	55,508	0,10
	Oct. 27	55,527	29 59,90
	Dec. 66	55,553	59,77
1781	Jan. 0	20 33 57,584	+44 30 12,28
	Apr. 10	57,613	12,19
	Jul. 19	57,648	12,17
	Oct. 27	57,687	12,22
	Dec. 66	57,732	12,33
1782	Jan. 0	20 33 59,757	+44 30 24,76
	Apr. 10	59,805	24,91
	Jul. 19	59,857	25,13
	Oct. 27	59,913	25,41
	Dec. 66	59,973	25,76
1783	Jan. 0	20 34 1,993	+44 30 38,11
	Apr. 10	2,055	38,49
	Jul. 19	2,119	38,93
	Oct. 27	2,185	39,41
	Dec. 66	2,254	39,95
1784	Jan. 1	20 34 4,271	+44 30 52,25
	Apr. 10	4,340	52,82
	Jul. 19	4,410	53,42
	Oct. 27	4,480	54,06
	Dec. 66	4,550	54,74
1785	Jan. 0	20 34 6,567	+44 31 6,99
	Apr. 10	6,636	7,69
	Jul. 19	6,704	8,40
	Oct. 27	6,769	9,13
	Dec. 66	6,833	9,87
1786	Jan. 0	20 34 8,852	+44 31 22,10
	Apr. 10	8,914	22,85
	Jul. 19	8,972	23,59
	Oct. 27	9,027	24,33
	Dec. 66	9,077	25,06
1787	Jan. 0	20 34 11 101	+44 31 37,30
	Apr. 10	11,149	38,02
	Jul. 19	11,191	38,72
	Oct. 27	11,227	39,38
	Dec. 66	11,258	40,01
1788	Jan. 1	20 34 13,289	+44 31 52,29
	Apr. 10	13,316	53,90
	Jul. 19	13,337	53,46
	Oct. 27	13,351	53,97
	Dec. 66	13,359	54,43
1789	Jan. 0	20 34 15,398	+44 32 6,77
	Apr. 10	15,400	7,20
	Jul. 19	15,396	7,56
	Oct. 27	15,387	7,86
	Dec. 66	15,371	8,09

Tabulae X. Sect. II. *α Cygni.*

	1780		1780		Var. 10 annor.	
Jan. 0	−1″,606	− 7,2	+ 6″,44	−26,6	0	+2
10	−1,655	− 2,4	+ 3,67	−28,5	0	+3
20	−1,654	+ 2,6	+ 0,74	−29,6	−1	+3
30	−1,604	+ 7,6	− 2,24	−29,4	−1	+3
Febr. 9	−1,503	+12,5	− 5,13	−28,0	−2	+3
19	−1,354	+17,2	− 7,84	−25,6	−2	+2
Mart. 1	−1,159	+21,7	−10,24	−22,1	−2	+2
11	−0,921	+25,8	−12,25	−17,7	−3	+2
21	−0,644	+29,4	−13,77	−12,6	−3	+1
31	−0,333	+32,4	−14,76	− 7,0	−3	+1
Apr. 10	+0,004	+34,7	−15,17	− 1,2	−3	+1
20	+0,360	+36,1	−14,99	+ 4,7	−3	0
30	+0,726	+36,7	−14,23	+10,4	−2	0
Maj. 10	+1,094	+36,5	−12,92	+15,6	−2	0
20	+1,455	+35,3	−11,11	+20,4	−2	−1
30	+1,799	+33,1	− 8,84	+24,5	−1	−1
Jun. 9	+2,117	+30,1	− 6,21	+27,8	−1	−1
19	+2,401	+26,3	− 3,29	+30,3	−1	−1
29	+2,643	+21,8	− 0,15	+32,1	0	−1
Jul. 9	+2,837	+16,8	+ 3,12	+32,9	0	−1
19	+2,978	+11,3	+ 6,43	+33,0	+1	−1
29	+3,063	+ 5,7	+ 9,72	+32,4	+1	−1
Aug. 8	+3,091	0,0	+12,91	+31,0	+1	−1
18	+3,063	− 5,6	+15,92	+29,0	+2	0
28	+2,980	−10,8	+18,71	+26,5	+2	0
Sept. 7	+2,848	−15,4	+21,21	+23,4	+2	+0
17	+2,672	−19,4	+23,38	+19,8	+3	+1
27	+2,461	−22,5	+25,17	+15,8	+3	+1
Oct. 7	+2,223	−24,7	+26,54	+11,5	+3	+1
17	+1,967	−26,0	+27,46	+ 6,9	+3	+2
27	+1,704	−26,2	+27,92	+ 2,1	+3	+2
Nov. 6	+1,444	−25,4	+27,87	− 3,0	+3	+3
16	+1,197	−23,7	+27,33	− 7,9	+3	+3
26	+0,970	−21,3	+26,30	−12,7	+2	+4
Dec. 6	+0,772	−18,1	+24,79	−17,3	+2	+4
16	+0,609	−14,3	+22,85	−21,4	+2	+4
26	+0,487	−10,1	+20,52	−24,8	+1	+5
36	+0,409	− 5,4	+17,90	−27,5	+1	+5

	A. R. med.	Decl. med.
1770	20h 33′ 35″,8585	+44° 28′ 3″,180
1771	33 37,8984	28 15,630
1772	33 39,9383	28 28,083
1773	33 41,9782	28 40,538
1774	33 44,0182	28 52,995
1775	33 46,0582	29 5,454
1776	33 48,0982	29 17,915
1777	33 50,1382	29 30,379
1778	33 52,1783	29 42,845
1779	33 54,2184	29 55,313
1780	33 56,2585	30 7,784
1781	33 58,2986	30 20,257
1782	34 0,3388	30 32,732
1783	34 2,3790	30 45,209
1784	34 4,4192	30 57,689
1785	34 6,4594	31 10,171
1786	34 8,4996	31 22,655
1787	34 10,5399	31 35,142
1788	34 12,5802	31 47,631
1789	34 14,6205	32 0,122
1790	34 16,6608	32 12,615

Diei reducto addendum est:

ante } Jan. 25 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Aquarii.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	21 53 58,908	— 1 25 35,63	1780	Jan. 1	21 54 27,891	— 1 22 58,73
	Apr. 10	58,872	35,38		Apr. 10	27,944	58,80
	Jul. 19	58,833	35,19		Jul. 19	28,004	58,80
	Oct. 27	58,787	35,06		Oct. 27	28,070	58,75
	Dec. 66	58,732	34,99		Dec. 66	28,142	58,63
1771	Jan. 0	21 54 1,837	— 1 25 17,92	1781	Jan. 0	21 54 31,203	— 1 22 41,57
	Apr. 10	1,777	17,90		Apr. 10	31,278	41,42
	Jul. 19	1,711	17,94		Jul. 19	31,357	41,21
	Oct. 27	1,638	18,05		Oct. 27	31,440	40,94
	Dec. 66	1,559	18,22		Dec. 66	31,526	40,62
1772	Jan. 1	21 54 4,673	— 1 25 1,07	1782	Jan. 0	21 54 34,583	— 1 22 23,62
	Apr. 10	4,590	1,29		Apr. 10	34,672	23,27
	Jul. 19	4,504	1,56		Jul. 19	34,763	22,87
	Oct. 27	4,414	1,89		Oct. 27	34,854	22,42
	Dec. 66	4,320	2,28		Dec. 66	34,947	21,92
1773	Jan. 0	21 54 7,438	— 1 24 45,06	1783	Jan. 0	21 54 38,002	— 1 22 4,98
	Apr. 10	7,342	45,48		Apr. 10	38,095	4,46
	Jul. 19	7,246	45,95		Jul. 19	38,187	3,91
	Oct. 27	7,149	46,47		Oct. 27	38,277	3,33
	Dec. 66	7,051	47,03		Dec. 66	38,367	2,72
1774	Jan. 0	21 54 10,170	— 1 24 29,75	1784	Jan. 1	21 54 41,422	— 1 21 45,81
	Apr. 10	10,073	30,34		Apr. 10	41,510	45,18
	Jul. 19	9,978	30,95		Jul. 19	41,594	44,54
	Oct. 27	9,886	31,60		Oct. 27	41,674	43,89
	Dec. 66	9,797	32,27		Dec. 66	41,750	43,22
1775	Jan. 0	21 54 12,912	— 1 24 14,95	1785	Jan. 0	21 54 44,810	— 1 21 26,33
	Apr. 10	12,825	15,63		Apr. 10	44,883	25,66
	Jul. 19	12,744	16,31		Jul. 19	44,950	24,99
	Oct. 27	12,668	17,00		Oct. 27	45,011	24,33
	Dec. 66	12,597	17,69		Dec. 66	45,065	23,68
1776	Jan. 1	21 54 15,706	— 1 24 0,36	1786	Jan. 0	21 54 48,133	— 1 21 6,78
	Apr. 10	15,640	1,05		Apr. 10	48,183	6,14
	Jul. 19	15,581	1,72		Jul. 19	48,225	5,52
	Oct. 27	15,530	2,37		Oct. 27	48,259	4,93
	Dec. 66	15,487	3,01		Dec. 66	48,285	4,37
1777	Jan. 0	21 54 18,585	— 1 23 45,70	1787	Jan. 0	21 54 51,363	— 1 20 47,43
	Apr. 10	18,546	46,32		Apr. 10	51,383	46,89
	Jul. 19	18,516	46,90		Jul. 19	51,396	46,39
	Oct. 27	18,495	47,44		Oct. 27	51,400	45,94
	Dec. 66	18,483	47,95		Dec. 66	51,395	45,53
1778	Jan. 0	21 54 21,572	— 1 23 30,68	1788	Jan. 1	21 54 54,483	— 1 20 28,54
	Apr. 10	21,565	31,16		Apr. 10	54,472	28,17
	Jul. 19	21,567	31,58		Jul. 19	54,452	27,85
	Oct. 27	21,578	31,96		Oct. 27	54,424	27,59
	Dec. 66	21,597	32,28		Dec. 66	54,387	27,38
1779	Jan. 0	21 54 24,675	— 1 23 15,08	1789	Jan. 0	21 54 57,485	— 1 20 10,32
	Apr. 10	24,700	15,38		Apr. 10	57,443	10,16
	Jul. 19	24,733	15,61		Jul. 19	57,393	10,06
	Oct. 27	24,774	15,77		Oct. 27	57,336	10,02
	Dec. 66	24,823	15,86		Dec. 66	57,271	10,05

Tabulae X. Sect. II. *α Aquarii.*

	1780		1780		Var. 10 annor.	
Jan. 0	−0″,850	− 5,1	− 1″,34	− 7,7	+2	+1
10	−0,889	− 2,6	− 2,11	− 7,6	+2	+1
20	−0,902	+ 0,1	− 2,85	− 7,0	+2	+1
30	−0,887	+ 2,9	− 3,51	− 6,1	+1	+1
Febr. 9	−0,845	+ 5,7	− 4,07	− 4,8	0	+1
19	−0,774	+ 8,7	− 4,47	− 3,1	0	0
Mart. 1	−0,672	+11,8	− 4,68	− 1,0	−1	0
11	−0,539	+14,9	− 4,66	+ 1,5	−1	0
21	−0,375	+17,9	− 4,39	+ 4,0	−2	0
31	−0,181	+20,9	− 3,86	+ 6,8	−2	0
Apr. 10	+0,043	+23,8	− 3,04	+ 9,5	−2	−1
20	+0,294	+26,3	− 1,97	+12,0	−3	−1
30	+0,568	+28,4	− 0,64	+14,4	−3	−1
Maj. 10	+0,861	+29,9	+ 0,90	+16,3	−3	−1
20	+1,166	+30,8	+ 2,61	+17,8	−3	−1
30	+1,477	+31,0	+ 4,45	+18,8	−3	−1
Jun. 9	+1,785	+30,4	+ 6,36	+19,3	−3	−1
19	+2,085	+29,1	+ 8,30	+19,2	−3	0
29	+2,366	+26,9	+10,20	+18,6	−2	0
Jul. 9	+2,623	+24,1	+12,02	+17,6	−2	0
19	+2,848	+20,7	+13,72	+16,2	−2	0
29	+3,036	+16,8	+15,25	+14,4	−1	+1
Aug. 8	+3,183	+12,5	+16,59	+12,3	−1	+1
18	+3,286	+ 8,1	+17,71	+10,2	−1	+1
28	+3,345	+ 3,8	+18,62	+ 8,0	0	+2
Sept. 7	+3,361	− 0,4	+19,31	+ 5,8	0	+2
17	+3,337	− 4,2	+19,78	+ 3,7	+1	+2
27	+3,278	− 7,4	+20,05	+ 1,8	+1	+3
Oct. 7	+3,189	−10,0	+20,13	− 0,1	+2	+3
17	+3,078	−11,9	+20,04	− 1,7	+2	+3
27	+2,952	−13,0	+19,80	− 3,1	+2	+3
Nov. 6	+2,819	−13,3	+19,43	− 4,3	+3	+3
16	+2,686	−12,9	+18,95	− 5,3	+3	+4
26	+2,561	−12,0	+18,37	− 6,2	+3	+4
Dec. 6	+2,446	−10,6	+17,71	− 6,9	+3	+4
16	+2,349	− 8,7	+17,00	− 7,4	+2	+4
26	+2,272	− 6,6	+16,24	− 7,7	+2	+4
36	+2,218	− 4,2	+15,47	− 7,7	+2	+3

	A. R. med.	Decl. med.
1770	21ʰ 53′ 57″,9098	− 1° 25′ 42″,423
1771	54 0,9959	25 25,340
1772	54 4,0820	25 8,255
1773	54 7,1680	24 51,167
1774	54 10,2540	24 34,077
1775	54 13,3398	24 16,985
1776	54 16,4257	23 59,890
1777	54 19,5115	23 42,793
1778	54 22,5973	23 25,693
1779	54 25,6831	23 8,592
1780	54 28,7688	22 51,488
1781	54 31,8545	22 34,382
1782	54 34,9401	22 17,274
1783	54 38,0257	22 0,164
1784	54 41,1112	21 43,051
1785	54 44,1967	21 25,936
1786	54 47,2822	21 8,819
1787	54 50,3676	20 51,699
1788	54 53,4530	20 34,577
1789	54 56,5383	20 17,453
1790	54 59,6235	20 0,326

Diei reducto addendum est:

ante	Febr. 14	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Piscis austrini.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	22 44 54,753	—30 50 1,73	1780	Jan. 1	22 45 26,502	—30 47 7,81
	Apr. 10	54,691	1,66		Apr. 10	26,584	7,71
	Jul. 19	54,622	1,65		Jul. 19	26,671	7,55
	Oct. 27	54,545	1,69		Oct. 27	26,763	7,34
	Dec. 66	54,461	1,80		Dec. 66	26,860	7,08
1771	Jan. 0	22 44 57,842	—30 49 42,99	1781	Jan. 0	22 45 30,177	—30 46 48,39
	Apr. 10	57,753	43,14		Apr. 10	30,276	48,09
	Jul. 19	57,660	43,35		Jul. 19	30,377	47,75
	Oct. 27	57,562	43,61		Oct. 27	30,480	47,36
	Dec. 66	57,459	43,93		Dec. 66	30,584	46,92
1772	Jan. 1	22 45 0,845	—30 49 25,05	1782	Jan. 0	22 45 33,899	—30 46 28,29
	Apr. 10	0,740	25,41		Apr. 10	34,004	27,83
	Jul. 19	0,633	25,81		Jul. 19	34,108	27,34
	Oct. 27	0,325	26,26		Oct. 27	34,211	26,81
	Dec. 66	0,415	26,76		Dec. 66	34,312	26,25
1773	Jan. 0	22 45 3,803	—30 49 7,82	1783	Jan. 0	22 45 37,628	—30 46 7,66
	Apr. 10	3,693	8,34		Apr. 10	37,728	7,09
	Jul. 19	3,586	8,89		Jul. 19	37,824	6,50
	Oct. 27	3,480	9,48		Oct. 27	37,916	5,89
	Dec. 66	3,377	10,09		Dec. 66	38,004	5,27
1774	Jan. 0	22 45 6,762	—30 48 51,12	1784	Jan. 1	22 45 41,324	—30 45 46,69
	Apr. 10	6,661	51,74		Apr. 10	41,409	46,07
	Jul. 19	6,566	52,38		Jul. 19	41,487	45,44
	Oct. 27	6,476	53,03		Oct. 27	41,558	44,82
	Dec. 66	6,391	53,69		Dec. 66	41,623	44,20
1775	Jan. 0	22 45 9,770	—30 48 34,70	1785	Jan. 0	22 45 44,951	—30 45 25,62
	Apr. 10	9,690	35,35		Apr. 10	45,011	25,01
	Jul. 19	9,618	36,00		Jul. 19	45,062	24,42
	Oct. 27	9,554	36,63		Oct. 27	45,105	23,84
	Dec. 66	9,499	37,25		Dec. 66	45,140	23,29
1776	Jan. 1	22 45 12,867	—30 48 18,28	1786	Jan. 0	22 45 48,478	—30 45 4,69
	Apr. 10	12,817	18,88		Apr. 10	48,507	4,16
	Jul. 19	12,777	19,46		Jul. 19	48,526	3,66
	Oct. 27	12,747	20,00		Oct. 27	48,535	3,20
	Dec. 66	12,727	20,52		Dec. 66	48,535	2,78
1777	Jan. 0	22 45 16,083	—30 48 1,58	1787	Jan. 0	22 45 51,885	—30 44 44,13
	Apr. 10	16,069	2,07		Apr. 10	51,878	43,74
	Jul. 19	16,065	2,51		Jul. 19	51,862	43,40
	Oct. 27	16,072	2,90		Oct. 27	51,836	43,11
	Dec. 66	16,088	3,25		Dec. 66	51,801	42,87
1778	Jan. 0	22 45 19,432	—30 47 44,37	1788	Jan. 1	22 45 55,162	—30 44 24,15
	Apr. 10	19,454	44,68		Apr. 10	55,120	23,95
	Jul. 19	19,486	44,94		Jul. 19	55,070	23,81
	Oct. 27	19,527	45,14		Oct. 27	55,011	23,72
	Dec. 66	19,578	45,29		Dec. 66	54,943	23,70
1779	Jan. 0	22 45 22,910	—30 47 26,47	1789	Jan. 0	22 45 58,314	—30 44 4,91
	Apr. 10	22,966	26,58		Apr. 10	58,241	4,92
	Jul. 19	23,030	26,63		Jul. 19	58,162	5,00
	Oct. 27	23,101	26,63		Oct. 27	58,076	5,13
	Dec. 66	23,179	26,56		Dec. 66	57,983	5,33

Tabulae X. Sect. II. *α Piscis austrini.*

	1780		1780		Var. 10 annor.	
Jan. 0	−0″,724	− 9,9	−10″,00	+ 2,9	+4	0
10	−0,812	− 7,6	− 9,57	+ 5,7	+4	0
20	−0,875	− 5,0	− 8,87	+ 8,3	+3	−1
30	−0,911	− 2,1	− 7,91	+10,8	+3	−1
Febr. 9	−0,917	+ 1,0	− 6,71	+13,2	+2	−2
19	−0,892	+ 4,2	− 5,28	+15,3	+1	−2
Mart. 1	−0,833	+ 7,7	− 3,65	+17,3	+1	−2
11	−0,738	+11,3	− 1,83	+19,0	0	−2
21	−0,607	+15,0	+ 0,14	+20,4	−1	−3
31	−0,438	+18,8	+ 2,24	+21,5	−2	−3
Apr. 10	−0,231	+22,5	+ 4,44	+22,2	−2	−3
20	+0,012	+26,0	+ 6,68	+22,5	−3	−2
30	+0,288	+29,1	+ 8,93	+22,3	−3	−2
Maj. 10	+0,593	+31,7	+11,13	+21,6	−4	−2
20	+0,922	+33,7	+13,25	+20,5	−4	−2
30	+1,267	+34,9	+15,22	+18,7	−4	−1
Jun. 9	+1,620	+35,4	+16,99	+16,5	−5	−1
19	+1,974	+34,9	+18,52	+13,9	−5	0
29	+2,317	+33,5	+19,77	+11,0	−5	0
Jul. 9	+2,643	+31,2	+20,71	+ 7,7	−5	+1
19	+2,941	+28,1	+21,31	+ 4,3	−4	+1
29	+3,205	+24,3	+21,56	+ 0,8	−4	+2
Aug. 8	+3,427	+19,9	+21,47	− 2,6	−4	+3
18	+3,602	+15,1	+21,05	− 5,7	−3	+3
28	+3,729	+10,2	+20,33	− 8,5	−3	+3
Sept. 7	+3,805	+ 5,2	+19,36	−10,8	−2	+4
17	+3,832	+ 0,4	+18,18	−12,5	−2	+4
27	+3,813	− 4,0	+16,86	−13,6	−1	+4
Oct. 7	+3,753	− 7,7	+15,46	−14,0	0	+4
17	+3,660	−10,7	+14,06	−13,8	0	+4
27	+3,539	−13,0	+12,71	−12,9	+1	+4
Nov. 6	+3,400	−14,5	+11,48	−11,4	+1	+4
16	+3,250	−15,1	+10,43	− 9,5	+2	+4
26	+3,098	−15,0	+ 9,59	− 7,2	+2	+3
Dec. 6	+2,950	−14,3	+ 9,00	− 4,5	+2	+3
16	+2,813	−12,9	+ 8,69	− 1,7	+2	+2
26	+2,692	−11,2	+ 8,66	+ 1,1	+2	+2
36	+2,590	− 9,1	+ 8,91	+ 3,9	+2	+1

	A. R. med.	Decl. med.
1770	22ʰ 44′ 53″,7731	−30° 50′ 8″,639
1771	44 57,1251	49 49,877
1772	45 0,4769	49 31,113
1773	45 3,8285	49 12,347
1774	45 7,1799	48 53,580
1775	45 10,5310	48 34,811
1776	45 13,8819	48 16,041
1777	45 17,2326	47 57,270
1778	45 20,5831	47 38,497
1779	45 23,9334	47 19,722
1780	45 27,2835	47 0,946
1781	45 30,6334	46 42,168
1782	45 33,9830	46 23,389
1783	45 37,3324	46 4,608
1784	45 40,6816	45 45,826
1785	45 44,0306	45 27,043
1786	45 47,3794	45 8,258
1787	45 50,7280	44 49,472
1788	45 54,0763	44 30,684
1789	45 57,4244	44 11,894
1790	46 0,7723	43 53,103

Diei reducto addendum est:

ante } Febr. 27 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Pegasi.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1770	Jan. 0	22 53 20,088	+13 58 24,47	1780	Jan. 1	22 53 47,950	+ 14 1 22,87
	Apr. 10	20,072	24,51		Apr. 10	47,989	23,00
	Jul. 19	20,048	24,50		Jul. 19	48,035	23,18
	Oct. 27	20,015	24,42		Oct. 27	48,089	23,41
	Dec. 66	19,974	24,29		Dec. 66	48,149	23,70
1771	Jan. 0	22 53 22,967	+13 58 43,54	1781	Jan. 0	22 53 51,107	+ 14 1 42,82
	Apr. 10	22,921	43,36		Apr. 10	51,171	43,14
	Jul. 19	22,868	43,13		Jul. 19	51,240	43,50
	Oct. 27	22,808	42,84		Oct. 27	51,314	43,91
	Dec. 66	22,740	42,50		Dec. 66	51,392	44,36
1772	Jan. 1	22 53 25,741	+13 59 1,83	1782	Jan. 0	22 53 54,344	+ 14 2 3,42
	Apr. 10	25,669	1,45		Apr. 10	54,425	3,90
	Jul. 19	25,593	1,03		Jul. 19	54,509	4,41
	Oct. 27	25,512	0,56		Oct. 27	54,596	4,94
	Dec. 66	25,426	0,05		Dec. 66	54,685	5,51
1773	Jan. 0	22 53 28,433	+13 59 19,43	1783	Jan. 0	22 53 57,634	+ 14 2 24,53
	Apr. 10	28,344	18,89		Apr. 10	57,723	25,11
	Jul. 19	28,254	18,33		Jul. 19	57,813	25,71
	Oct. 27	28,161	17,74		Oct. 27	57,903	26,32
	Dec. 66	28,066	17,12		Dec. 66	57,993	26,94
1774	Jan. 0	22 53 31,076	+13 59 36,53	1784	Jan. 1	22 54 0,942	+ 14 2 45,94
	Apr. 10	30,981	35,90		Apr. 10	1,031	46,57
	Jul. 19	30,887	35,26		Jul. 19	1,118	47,19
	Oct. 27	30,794	34,61		Oct. 27	1,202	47,80
	Dec. 66	30,702	33,95		Dec. 66	1,283	48,41
1775	Jan. 0	22 53 33,711	+13 59 53,39	1785	Jan. 0	22 54 4,235	+ 14 3 7,43
	Apr. 10	33,621	52,74		Apr. 10	4,314	8,03
	Jul. 19	33,535	52,10		Jul. 19	4,388	8,61
	Oct. 27	33,453	51,48		Oct. 27	4,457	9,16
	Dec. 66	33,375	50,87		Dec. 66	4,522	9,69
1776	Jan. 1	22 53 36,379	+14 0 10,28	1786	Jan. 0	22 54 7,480	+ 14 3 28,74
	Apr. 10	36,305	9,69		Apr. 10	7,540	29,25
	Jul. 19	36,237	9,13		Jul. 19	7,593	29,72
	Oct. 27	36,175	8,61		Oct. 27	7,639	30,16
	Dec. 66	36,120	8,12		Dec. 66	7,678	30,55
1777	Jan. 0	22 53 39,116	+14 0 27,49	1787	Jan. 0	22 54 10,645	+ 14 3 49,65
	Apr. 10	39,066	27,03		Apr. 10	10,679	50,02
	Jul. 19	39,024	26,61		Jul. 19	10,705	50,33
	Oct. 27	38,990	26,24		Oct. 27	10,723	50,59
	Dec. 66	38,963	25,92		Dec. 66	10,732	50,80
1778	Jan. 0	22 53 41,950	+14 0 45,23	1788	Jan. 1	22 54 13,709	+ 14 4 9,95
	Apr. 10	41,929	44,94		Apr. 10	13,713	10,13
	Jul. 19	41,917	44,71		Jul. 19	13,708	10,24
	Oct. 27	41,913	44,54		Oct. 27	13,694	10,29
	Dec. 66	41,918	44,42		Dec. 66	13,672	10,29
1779	Jan. 0	22 53 44,894	+14 1 3,67	1789	Jan. 0	22 54 16,660	+ 14 4 29,52
	Apr. 10	44,904	3,59		Apr. 10	16,632	29,48
	Jul. 19	44,923	3,56		Jul. 19	16,596	29,38
	Oct. 27	44,949	3,60		Oct. 27	16,552	29,21
	Dec. 66	44,983	3,69		Dec. 66	16,501	28,99

Tabulae X. Sect. II. *α Pegasi.*

	1780		1780		Var. 10 annor.	
	″		″			
Jan. 0	−0,569	− 9,4	+ 3,36	−10,6	+3	+2
10	−0,656	− 8,3	+ 2,23	−11,8	+2	+2
20	−0,725	− 5,9	+ 1,01	−12,4	+2	+2
30	−0,773	− 3,6	− 0,25	−12,6	+2	+2
Febr. 9	−0,796	− 0,9	− 1,50	−12,2	+1	+2
19	−0,791	+ 2,1	− 2,68	−11,1	+1	+2
Mart. 1	−0,755	+ 5,4	− 3,71	− 9,4	0	+2
11	−0,684	+ 8,9	− 4,55	− 7,1	−1	+1
21	−0,578	+12,5	− 5,13	− 4,4	−1	+1
31	−0,434	+16,3	− 5,42	− 1,3	−1	+1
Apr. 10	−0,253	+19,9	− 5,38	+ 2,2	−2	0
20	−0,037	+23,2	− 4,98	+ 5,7	−2	0
30	+0,211	+26,2	− 4,24	+ 9,2	−2	0
Maj. 10	+0,487	+28,7	− 3,15	+12,5	−3	−1
20	+0,785	+30,5	− 1,74	+15,5	−3	−1
30	+1,097	+31,6	− 0,05	+18,1	−3	−1
Jun. 9	+1,416	+31,8	+ 1,87	+20,2	−3	−1
19	+1,733	+31,2	+ 3,98	+21,7	−2	−2
29	+2,040	+29,8	+ 6,21	+22,6	−2	−2
Jul. 9	+2,329	+27,6	+ 8,50	+23,0	−2	−2
19	+2,592	+24,8	+10,80	+22,8	−2	−1
29	+2,824	+21,3	+13,06	+22,1	−1	−1
Aug. 8	+3,018	+17,4	+15,22	+20,9	−1	−1
18	+3,172	+13,3	+17,24	+19,3	0	−1
28	+3,284	+ 9,1	+19,08	+17,5	0	−1
Sept. 7	+3,354	+ 5,0	+20,73	+15,4	+1	0
17	+3,383	+ 1,0	+22,15	+13,0	+1	0
27	+3,374	− 2,6	+23,33	+10,6	+2	0
Oct. 7	+3,332	− 5,6	+24,27	+ 8,2	+2	+1
17	+3,262	− 8,1	+24,96	+ 5,7	+3	+1
27	+3,170	−10,0	+25,41	+ 3,3	+3	+2
Nov. 6	+3,062	−11,4	+25,61	+ 0,8	+3	+2
16	+2,943	−12,1	+25,57	− 1,6	+3	+2
26	+2,820	−12,3	+25,29	− 3,9	+4	+3
Dec. 6	+2,698	−12,0	+24,80	− 6,0	+4	+3
16	+2,580	−11,4	+24,10	− 8,0	+4	+3
26	+2,471	−10,3	+23,21	− 9,7	+3	+3
36	+2,375	− 8,9	+22,16	−11,1	+3	+3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1770	22 53 19,0881	+13 58 17,576
1771	53 22,0664	58 36,777
1772	53 25,0447	58 55,979
1773	53 28,0231	59 15,184
1774	53 31,0016	59 34,387
1775	53 33,9801	59 53,593
1776	53 36,9587	14 0 12,800
1777	53 39,9373	0 32,008
1778	53 42,9160	0 51,217
1779	53 45,8946	1 10,427
1780	53 48,8734	1 29,638
1781	53 51,8522	1 48,851
1782	53 54,8311	2 8,065
1783	53 57,8100	2 27,280
1784	54 0,7891	2 46,496
1785	54 3,7681	3 5,713
1786	54 6,7472	3 24,931
1787	54 9,7263	3 44,151
1788	54 12,7055	4 3,372
1789	54 15,6848	4 22,594
1790	54 18,6641	4 41,817

Diei reducto addendum est:

ante } Mart. 2 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. α *Andromedae.*

1770	Jan. 0	23 56 33,582	+27 49 17,72	1780	Jan. 1	23 57 2,160	+27 52 24,58
	Apr. 10	33,580	17,54		Apr. 10	2,188	24,86
	Jul. 19	33,570	17,30		Jul. 19	2,224	25,23
	Oct. 27	33,550	17,02		Oct. 27	2,268	25,64
	Dec. 66	33,521	16,68		Dec. 66	2,319	26,10
1771	Jan. 0	23 56 36,600	+27 49 36,71	1781	Jan. 0	23 57 5,371	+27 52 45,85
	Apr. 10	36,565	36,34		Apr. 10	5,427	46,33
	Jul. 19	36,522	35,92		Jul. 19	5,490	46,83
	Oct. 27	36,470	35,46		Oct. 27	5,559	47,36
	Dec. 66	36,410	34,96		Dec. 66	5,634	47,92
1772	Jan. 1	23 56 39,499	+27 49 55,04	1782	Jan. 0	23 57 8,679	+27 53 7,64
	Apr. 10	39,434	54,52		Apr. 10	8,757	8,21
	Jul. 19	39,363	53,97		Jul. 19	8,840	8,79
	Oct. 27	39,285	53,39		Oct. 27	8,927	9,38
	Dec. 66	39,201	52,79		Dec. 66	9,018	9,98
1773	Jan. 0	23 56 42,298	+27 50 12,90	1783	Jan. 0	23 57 12,057	+27 53 29,69
	Apr. 10	42,210	12,29		Apr. 10	12,150	30,29
	Jul. 19	42,119	11,67		Jul. 19	12,244	30,89
	Oct. 27	42,024	11,04		Oct. 27	12,339	31,48
	Dec. 66	41,926	10,41		Dec. 66	12,436	32,06
1774	Jan. 0	23 56 45,028	+27 50 30,53	1784	Jan. 1	23 57 15,474	+27 53 51,78
	Apr. 10	44,928	29,90		Apr. 10	15,570	52,35
	Jul. 19	44,828	29,28		Jul. 19	15,665	52,90
	Oct. 27	44,728	28,68		Oct. 27	15,759	53,43
	Dec. 66	44,627	28,09		Dec. 66	15,853	53,93
1775	Jan. 0	23 56 47,730	+27 50 48,19	1785	Jan. 0	23 57 18,893	+27 54 13,67
	Apr. 10	47,630	47,62		Apr. 10	18,984	14,15
	Jul. 19	47,533	47,08		Jul. 19	19,070	14,60
	Oct. 27	47,439	46,58		Oct. 27	19,153	15,00
	Dec. 66	47,348	46,11		Dec. 66	19,231	15,37
1776	Jan. 1	23 56 50,447	+27 51 6,17	1786	Jan. 0	23 57 22,276	+27 54 35,16
	Apr. 10	50,359	5,73		Apr. 10	22,351	35,49
	Jul. 19	50,277	5,33		Jul. 19	22,419	35,78
	Oct. 27	50,200	4,98		Oct. 27	22,481	36,02
	Dec. 66	50,130	4,68		Dec. 66	22,536	36,21
1777	Jan. 0	23 56 53,222	+27 51 24,68	1787	Jan. 0	23 57 25,590	+27 54 56,06
	Apr. 10	53,156	24,41		Apr. 10	25,640	56,21
	Jul. 19	53,098	24,20		Jul. 19	25,682	56,31
	Oct. 27	53,048	24,05		Oct. 27	25,716	56,35
	Dec. 66	53,005	23,95		Dec. 66	25,741	56,33
1778	Jan. 0	23 56 56,087	+27 51 43,88	1788	Jan. 1	23 57 28,804	+27 55 16,25
	Apr. 10	56,050	43,82		Apr. 10	28,824	16,19
	Jul. 19	56,022	43,81		Jul. 19	28,834	16,08
	Oct. 27	56,002	43,86		Oct. 27	28,835	15,91
	Dec. 66	55,991	43,97		Dec. 66	28,827	15,69
1779	Jan. 0	23 56 59,064	+27 52 3,84	1789	Jan. 0	23 57 31,902	+27 55 35,68
	Apr. 10	59,060	3,98		Apr. 10	31,887	35,42
	Jul. 19	59,064	4,18		Jul. 19	31,864	35,11
	Oct. 27	59,077	4,43		Oct. 27	31,832	34,75
	Dec. 66	59,099	4,73		Dec. 66	31,791	34,34

Tabulae X. Sect. II. *α Andromedae.*

	1780		1780		Var. 10 annor.	
Jan. 0	−0″,219	−13,5	+ 8″,23	− 8,4	+3	+2
10	−0,353	−13,0	+ 7,26	−11,0	+3	+2
20	−0,479	−12,0	+ 6,04	−13,2	+3	+3
30	−0,592	−10,3	+ 4,63	−14,8	+2	+3
Febr. 9	−0,685	− 8,1	+ 3,08	−15,9	+2	+3
19	−0,754	− 5,3	+ 1,46	−16,1	+1	+3
Mart. 1	−0,791	− 1,9	− 0,14	−15,6	+1	+3
11	−0,792	+ 2,0	− 1,66	−14,5	0	+3
21	−0,751	+ 6,3	− 3,03	−12,5	0	+2
31	−0,666	+10,8	− 4,16	− 9,8	−1	+2
Apr. 10	−0,535	+15,4	− 4,99	− 6,7	−1	+2
20	−0,359	+19,8	− 5,49	− 3,2	−2	+1
30	−0,139	+23,9	− 5,62	+ 0,7	−2	+1
Maj. 10	+0,119	+27,5	− 5,35	+ 4,7	−2	0
20	+0,410	+30,4	− 4,69	+ 8,5	−3	0
30	+0,727	+32,6	− 3,65	+12,2	−3	−1
Jun. 9	+1,061	+33,9	− 2,25	+15,6	−3	−1
19	+1,404	+34,3	− 0,53	+18,5	−2	−2
29	+1,746	+33,7	+ 1,45	+20,9	−2	−2
Jul. 9	+2,078	+32,5	+ 3,65	+22,9	−2	−2
19	+2,392	+30,2	+ 6,02	+24,2	−2	−3
29	+2,681	+27,3	+ 8,48	+24,9	−1	−3
Aug. 8	+2,937	+23,8	+10,99	+25,1	−1	−3
18	+3,157	+22,0	+13,49	+24,7	0	−3
28	+3,337	+16,0	+15,93	+23,9	0	−3
Sept. 7	+3,476	+11,9	+18,26	+22,6	+1	−3
17	+3,574	+ 7,8	+20,45	+21,0	+2	−2
27	+3,631	+ 3,9	+22,45	+19,0	+2	−2
Oct. 7	+3,651	+ 0,4	+24,24	+16,7	+3	−2
17	+3,638	− 2,9	+25,79	+14,2	+3	−1
27	+3,593	− 5,8	+27,08	+11,6	+4	−1
Nov. 6	+3,523	− 8,1	+28,10	+ 8,7	+4	0
16	+3,432	−10,0	+28,81	+ 5,7	+5	0
26	+3,323	−11,5	+29,23	+ 2,7	+5	+1
Dec. 6	+3,202	−12,6	+29,34	− 0,5	+5	+1
16	+3,071	−13,4	+29,13	− 3,7	+5	+1
26	+2,935	−13,6	+28,61	− 6,7	+5	+2
36	+2,800	−13,4	+27,80	− 9,4	+5	+2

	A. R. med.	Decl. med.
1770	23h 56′ 32″,5070	+27° 49′ 11″,228
1771	56 35,5751	49 31,136
1772	56 38,6434	49 51,044
1773	56 41,7119	50 10,952
1774	56 44,7805	50 30,860
1775	56 47,8493	50 50,768
1776	56 50,9183	51 10,676
1777	56 53,9875	51 30,584
1778	56 57,0568	51 50,492
1779	57 0,1262	52 10,400
1780	57 3,1959	52 30,308
1781	57 6,2658	52 50,216
1782	57 9,3358	53 10,124
1783	57 12,4060	53 30,031
1784	57 15,4764	53 49,939
1785	57 18,5470	54 9,847
1786	57 21,6178	54 29,755
1787	57 24,6887	54 49,662
1788	57 27,7598	55 9,570
1789	57 30,8310	55 29,478
1790	57 33,9025	55 49,385

Diei reducto addendum est:

ante } Mart. 19 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. II. *α Ursae minoris.*

		h ′ ″	″	° ′ ″	″	⊙ + ☊	☽
1770	Jan. 0	0 46 32,82	+ 1,45	88 4 42,17	− 0,35	480	861
	Apr. 10	34,27	+ 1,36	41,82	− 0,39		
	Jul. 19	35,63	+ 1,27	41,43	− 0,44		
	Oct. 27	36,90	+ 1,17	40,99	− 0,48		
	Dec. 66	38,07		40,51			
1771	Jan. 0	0 46 48,87	+ 1,10	88 5 0,33	− 0,52	426	229
	Apr. 10	49,97	+ 0,97	4 59,81	− 0,54		
	Jul. 19	50,94	+ 0,84	59,27	− 0,57		
	Oct. 27	51,78	+ 0,71	58,70	− 0,59		
	Dec. 66	52,49		58,11			
1772	Jan. 1	0 47 3,51	+ 0,61	88 5 17,97	− 0,62	373	597
	Apr. 10	4,12	+ 0,45	17,35	− 0,62		
	Jul. 19	4,57	+ 0,31	16,73	− 0,64		
	Oct. 27	4,88	+ 0,15	16,59	− 0,64		
	Dec. 66	5,03		16,45			
1773	Jan. 0	0 47 16,29	+ 0,05	88 5 35,32	− 0,65	319	966
	Apr. 10	16,34	− 0,12	34,67	− 0,63		
	Jul. 19	16,22	− 0,27	34,04	− 0,63		
	Oct. 27	15,95	− 0,42	33,41	− 0,61		
	Dec. 66	15,52		32,80			
1774	Jan. 0	0 47 27,03	− 0,54	88 5 52,65	− 0,60	265	334
	Apr. 10	26,49	− 0,68	52,05	− 0,56		
	Jul. 19	25,81	− 0,82	51,49	− 0,54		
	Oct. 27	24,99	− 0,96	50,95	− 0,51		
	Dec. 66	24,03		50,44			
1775	Jan. 0	0 47 35,78	− 1,06	88 6 10,25	− 0,48	211	702
	Apr. 10	34,72	− 1,16	9,77	− 0,43		
	Jul. 19	33,56	− 1,27	9,34	− 0,38		
	Oct. 27	32,29	− 1,38	8,96	− 0,34		
	Dec. 66	30,91		8,62			
1776	Jan. 1	0 47 42,85	− 1,44	88 6 28,37	− 0,31	158	070
	Apr. 10	41,41	− 1,50	28,06	− 0,24		
	Jul. 19	39,91	− 1,57	27,82	− 0,19		
	Oct. 27	38,34	− 1,63	27,63	− 0,13		
	Dec. 66	36,71		27,50			
1777	Jan. 0	0 47 48,79	− 1,66	88 6 47,17	− 0,10	104	439
	Apr. 10	47,13	− 1,67	47,07	− 0,03		
	Jul. 19	45,46	− 1,68	47,04	+ 0,02		
	Oct. 27	43,78	− 1,69	47,06	+ 0,09		
	Dec. 66	42,09		47,15			
1778	Jan. 0	0 47 54,24	− 1,68	88 7 6,75	+ 0,12	050	807
	Apr. 10	52,56	− 1,64	6,87	+ 0,17		
	Jul. 19	50,92	− 1,60	7,04	+ 0,23		
	Oct. 27	49,32	− 1,56	7,27	+ 0,29		
	Dec. 66	47,76		7,56			
1779	Jan. 0	0 47 59,91	− 1,49	88 7 27,08	+ 0,32	997	175
	Apr. 10	58,42	− 1,43	27,40	+ 0,37		
	Jul. 19	56,99	− 1,35	27,77	+ 0,41		
	Oct. 27	55,64	− 1,27	28,18	+ 0,44		
	Dec. 66	54,37		28,62			

Tabulae X. Sect. II. *α Ursae minoris.*

		h ′ ″	″	° ′ ″	″	⊙ + ☊	☽
1780	Jan. 1	0 48 6,48	− 1,19	88 7 48,09	+ 0,48	943	544
	Apr. 10	5,29	− 1,06	48,57	+ 0,51		
	Jul. 19	4,23	− 0,94	49,08	+ 0,53		
	Oct. 27	3,29	− 0,82	49,61	+ 0,56		
	Dec. 66	2,47		50,17			
1781	Jan. 0	0 48 14,48	− 0,72	88 8 9,60	+ 0,58	889	912
	Apr. 10	13,76	− 0,59	10,18	+ 0,59		
	Jul. 19	13,17	− 0,44	10,77	+ 0,60		
	Oct. 27	12,73	− 0,30	11,37	+ 0,61		
	Dec. 66	12,43		11,98			
1782	Jan. 0	0 48 24,33	− 0,20	88 8 31,39	+ 0,62	835	280
	Apr. 10	24,13	− 0,04	32,01	+ 0,61		
	Jul. 19	24,09	+ 0,10	32,62	+ 0,60		
	Oct. 27	24,19	+ 0,26	33,22	+ 0,61		
	Dec. 66	24,45		33,83			
1783	Jan. 0	0 48 36,22	+ 0,36	88 8 53,24	+ 0,59	782	648
	Apr. 10	36,58	+ 0,50	53,83	+ 0,56		
	Jul. 19	37,08	+ 0,64	54,39	+ 0,55		
	Oct. 27	37,72	+ 0,78	54,94	+ 0,52		
	Dec. 66	38,50		55,46			
1784	Jan. 1	0 48 50,17	+ 0,87	88 9 14,90	+ 0,50	728	017
	Apr. 10	51,04	+ 1,00	15,40	+ 0,46		
	Jul. 19	52,04	+ 1,12	15,86	+ 0,43		
	Oct. 27	53,16	+ 1,24	16,29	+ 0,39		
	Dec. 66	54,40		16,68			
1785	Jan. 0	0 49 5,97	+ 1,31	88 9 36,16	+ 0,35	674	385
	Apr. 10	7,28	+ 1,39	36,51	+ 0,31		
	Jul. 19	8,67	+ 1,48	36,82	+ 0,26		
	Oct. 27	10,15	+ 1,57	37,08	+ 0,21		
	Dec. 66	11,72		37,29			
1786	Jan. 0	0 49 23,25	+ 1,60	88 9 56,83	+ 0,17	620	753
	Apr. 10	24,85	+ 1,65	57,00	+ 0,12		
	Jul. 19	26,50	+ 1,68	57,12	+ 0,06		
	Oct. 27	28,18	+ 1,72	57,18	+ 0,01		
	Dec. 66	29,90		57,19			
1787	Jan. 0	0 49 41,45	+ 1,73	88 10 16,79	− 0,04	567	121
	Apr. 10	43,18	+ 1,72	16,75	− 0,09		
	Jul. 19	44,90	+ 1,70	16,66	− 0,14		
	Oct. 27	46,60	+ 1,69	16,52	− 0,21		
	Dec. 66	48,29		16,31			
1788	Jan. 1	0 49 59,91	+ 1,67	88 10 35,98	− 0,25	513	490
	Apr. 10	50 1,58	+ 1,59	35,73	− 0,29		
	Jul. 19	3,17	+ 1,52	35,44	− 0,34		
	Oct. 27	4,69	+ 1,45	35,10	− 0,39		
	Dec. 66	6,14		34,71			
1789	Jan. 0	0 50 17,93	+ 1,40	88 10 54,43	− 0,43	459	858
	Apr. 10	19,33	+ 1,28	54,00	− 0,46		
	Jul. 19	20,61	+ 1,17	53,54	− 0,51		
	Oct. 27	21,78	+ 1,05	53,03	− 0,54		
	Dec. 66	22,83		52,49			

Tabulae X. Sect. II. α *Ursae minoris.*

	Corr. A. R. pro 1780		Variatio annua		Corr. Decl. pro 1780		Variatio annua		Mot. Arg. ⊙+☊	Mot. Arg. ☽
Jan. 0	+ 3″,73	−6″,56	+0″,0464	−187	+20″,15	+0″,47	−0″,0013	+29	000	000
10	− 2,83	−6,55	+0,0277	−197	+20,62	−0,19	+0,0016	+29	026	365
20	− 9,38	−6,31	+0,0080	−203	+20,43	−0,82	+0,0045	+28	052	730
30	−15,69	−5,81	−0,0123	−197	+19,61	−1,43	+0,0073	+25	078	095
Febr. 9	−21,50	−5,10	−0,0320	−186	+18,18	−1,96	+0,0098	+22	103	460
19	−26,60	−4,18	−0,0506	−165	+16,22	−2,42	+0,0120	+18	129	825
Mart. 1	−30,78	−3,10	−0,0671	−141	+13,80	−2,76	+0,0138	+13	155	190
11	−33,88	−1,91	−0,0812	−110	+11,04	−2,98	+0,0151	+ 8	181	555
21	−35,79	−0,66	−0,0922	− 74	+ 8,06	−3,09	+0,0159	+ 3	207	920
31	−36,45	+0,60	−0,0996	− 37	+ 4,97	−3,07	+0,0162	− 3	233	285
Apr. 10	−35,85	+1,82	−0,1033	0	+ 1,90	−2,93	+0,0159	− 8	258	650
20	−34,03	+2,95	−0,1033	+ 39	− 1,03	−2,68	+0,0151	−13	284	015
30	−31,08	+3,98	−0,0994	+ 72	− 3,71	−2,34	+0,0138	−18	310	380
Maj. 10	−27,10	+4,85	−0,0921	+106	− 6,05	−1,91	+0,0120	−21	336	745
20	−22,25	+5,55	−0,0815	+135	− 7,96	−1,43	+0,0099	−23	362	110
30	−16,70	+6,08	−0,0680	+158	− 9,39	−0,91	+0,0076	−26	388	475
Jun. 9	−10,62	+6,42	−0,0522	+176	−10,30	−0,36	+0,0050	−27	413	840
19	− 4,20	+6,59	−0,0346	+193	−10,66	+0,20	+0,0023	−28	439	205
29	+ 2,39	+6,58	−0,0153	+201	−10,46	+0,74	−0,0005	−27	465	570
Jul. 9	+ 8,97	+6,41	+0,0048	+205	− 9,72	+1,28	−0,0032	−28	491	935
19	+15,38	+6,09	+0,0253	+205	− 8,44	+1,78	−0,0060	−26	517	300
29	+21,47	+5,65	+0,0458	+200	− 6,66	+2,24	−0,0086	−23	543	665
Aug. 8	+27,12	+5,08	+0,0658	+191	− 4,42	+2,66	−0,0109	−22	568	030
18	+32,20	+4,42	+0,0849	+179	− 1,76	+3,01	−0,0131	−19	594	395
28	+36,62	+3,66	+0,1028	+163	+ 1,25	+3,30	−0,0150	−16	620	760
Sept. 7	+40,28	+2,82	+0,1191	+143	+ 4,55	+3,55	−0,0166	−12	646	125
17	+43,10	+1,93	+0,1334	+120	+ 8,10	+3,70	−0,0178	− 8	672	490
27	+45,03	+0,97	+0,1454	+ 96	+11,80	+3,80	−0,0186	− 4	698	855
Oct. 7	+46,00	−0,01	+0,1548	+ 65	+15,60	+3,80	−0,0190	+ 1	723	220
17	+45,99	−1,02	+0,1613	+ 36	+19,40	+3,73	−0,0189	+ 5	749	585
27	+44,97	−2,03	+0,1649	+ 3	+23,13	+3,58	−0,0184	+ 9	775	950
Nov. 6	+42,94	−3,02	+0,1652	− 32	+26,71	+3,32	−0,0175	+14	801	315
16	+39,92	−3,95	+0,1620	− 65	+30,03	+2,99	−0,0161	+18	827	680
26	+35,97	−4,80	+0,1555	− 97	+33,02	+2,57	−0,0143	+22	853	045
Dec. 6	+31,17	−5,52	+0,1458	−128	+35,59	+2,06	−0,0121	+25	879	410
16	+25,65	−6,09	+0,1330	−155	+37,65	+1,49	−0,0096	+28	904	775
26	+19,56	−6,45	+0,1175	−176	+39,14	+0,88	−0,0068	+28	930	140
36	+13,11		+0,0999		+40,02		−0,0040		956	505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori	ante	Apr. 2	+ 1
	post		+ 2
pro Culminatione inferiori	ante	Oct. 6	+ 1,5
	post		+ 2,5

Tabulae X. Sect. II. *α Ursae minoris.*

Motus Arg.

Dies	⊙+☊	☽
1	003	037
2	005	073
3	008	110
4	010	146
5	013	183
6	016	219
7	018	256
8	021	292
9	023	329
10	026	365

Arg. ⊙ + ☊

Arg.	A. R.	Arg.
000	−0″,02 +	500
010	−0,02 +	510
020	−0,01 +	520
030	−0,01 +	530
040	−0,01 +	540
050	−0,01 +	550
060	0,00	560
070	0,00	570
080	0,00	580
090	+0,01 −	590
100	+0,01 −	600
110	+0,01 −	610
120	+0,02 −	620
130	+0,02 −	630
140	+0,02 −	640
150	+0,02 −	650
160	+0,03 −	660
170	+0,03 −	670
180	+0,03 −	680
190	+0,03 −	690
200	+0,03 −	700
210	+0,04 −	710
220	+0,04 −	720
230	+0,04 −	730
240	+0,04 −	740
250	+0,04 −	750
260	+0,04 −	760
270	+0,04 −	770
280	+0,05 −	780
290	+0,05 −	790
300	+0,05 −	800
310	+0,05 −	810
320	+0,05 −	820
330	+0,05 −	830
340	+0,05 −	840
350	+0,04 −	850
360	+0,04 −	860
370	+0,04 −	870
380	+0,04 −	880
390	+0,04 −	890
400	+0,04 −	900
410	+0,04 −	910
420	+0,04 −	920
430	+0,03 −	930
440	+0,03 −	940
450	+0,03 −	950
460	+0,03 −	960
470	+0,03 −	970
480	+0,02 −	980
490	+0,02 −	990

Arg. ☽

Arg.	Arg.	A. R.	Decl.
000	500	−0″,17	+0″,02
010	510	−0,18	+0,01
020	520	−0,18	0,00
030	530	−0,18	−0,01
040	540	−0,17	−0,02
050	550	−0,17	−0,03
060	560	−0,16	−0,04
070	570	−0,15	−0,05
080	580	−0,13	−0,06
090	590	−0,12	−0,06
100	600	−0,10	−0,07
110	610	−0,08	−0,07
120	620	−0,06	−0,08
130	630	−0,04	−0,08
140	640	−0,01	−0,08
150	650	+0,01	−0,08
160	660	+0,03	−0,08
170	670	+0,05	−0,08
180	680	+0,07	−0,07
190	690	+0,09	−0,07
200	700	+0,11	−0,06
210	710	+0,13	−0,05
220	720	+0,14	−0,05
230	730	+0,15	−0,04
240	740	+0,16	−0,03
250	750	+0,17	−0,02
260	760	+0,18	−0,01
270	770	+0,18	0,00
280	780	+0,18	+0,01
290	790	+0,17	+0,02
300	800	+0,17	+0,03
310	810	+0,16	+0,04
320	820	+0,15	+0,05
330	830	+0,13	+0,06
340	840	+0,12	+0,06
350	850	+0,10	+0,07
360	860	+0,08	+0,07
370	870	+0,06	+0,08
380	880	+0,04	+0,08
390	890	+0,01	+0,08
400	900	−0,01	+0,08
410	910	−0,03	+0,08
420	920	−0,05	+0,08
430	930	−0,07	+0,07
440	940	−0,09	+0,07
450	950	−0,11	+0,06
460	960	−0,13	+0,05
470	970	−0,14	+0,05
480	980	−0,15	+0,04
490	990	−0,16	+0,03

Tabulae X. Sect. II. *α Ursae minoris.*

	A. R. med.	+	Decl. med.	+
	h ′ ″	″	° ′ ″	″
1770	0 46 24,441	11,185	88 4 36,346	19,655
1771	46 35,626	11,239	4 56,001	19,652
1772	46 46,865	11,295	5 15,653	19,649
1773	46 58,160	11,351	5 35,302	19,645
1774	47 9,511	11,407	5 54,947	19,642
1775	47 20,918	11,464	6 14,589	19,638
1776	47 32,382	11,522	6 34,227	19,635
1777	47 43,904	11,579	6 53,862	19,631
1778	47 55,483	11,638	7 13,493	19,627
1779	48 7,121	11,696	7 33,120	19,624
1780	48 18,817	11,756	7 52,744	19,620
1781	48 30,573	11,815	8 12,364	19,616
1782	48 42,388	11,877	8 31,980	19,612
1783	48 54,265	11,937	8 51,592	19,609
1784	49 6,202	11,999	9 11,201	19,605
1785	49 18,201	12,060	9 30,806	19,601
1786	49 30,261	12,124	9 50,407	19,597
1787	49 42,385	12,186	10 10,004	19,593
1788	49 54,571	12,251	10 29,597	19,589
1789	50 6,822	12,314	10 49,186	19,586
1790	50 19,136		11 8,772	

Tabulae X. Sectio tertia.

Adscensiones rectae et Declinationes mediae et apparentes
Stellarum 36 *fundamentalium atque α Ursae minoris,*

ab Anno 1790 usque ad Annum 1810.

Tabulae X. Sect. III. *γ Pegasi.*

		h ′ ″	° ′ ″
1790	Jan. 0	0 2 27,216	+ 14 1 0,19
	Apr. 10	27,157	0 59,74
	Jul. 19	27,092	59,25
	Oct. 27	27,021	58,73
	Dec. 66	26,943	58,17
1791	Jan. 0	0 2 30,045	+ 14 1 18,39
	Apr. 10	29,963	17,82
	Jul. 19	29,877	17,23
	Oct. 27	29,787	16,62
	Dec. 66	29,694	15,99
1792	Jan. 1	0 2 32,801	+ 14 1 36,23
	Apr. 10	32,705	35,60
	Jul. 19	32,609	34,97
	Oct. 27	32,512	34,35
	Dec. 66	32,414	33,73
1793	Jan. 0	0 2 35,522	+ 14 1 53,96
	Apr. 10	35,424	53,35
	Jul. 19	35,329	52,77
	Oct. 27	35,236	52,20
	Dec. 66	35,145	51,66
1794	Jan. 0	0 2 38,251	+ 14 2 11,87
	Apr. 10	38,163	11,35
	Jul. 19	38,080	10,88
	Oct. 27	38,002	10,44
	Dec. 66	37,929	10,05
1795	Jan. 0	0 2 41,029	+ 14 2 30,20
	Apr. 10	40,961	29,84
	Jul. 19	40,900	29,53
	Oct. 27	40,846	29,27
	Dec. 66	40,800	29,06
1796	Jan. 1	0 2 43,891	+ 14 2 49,16
	Apr. 10	43,850	48,99
	Jul. 19	43,818	48,88
	Oct. 27	43,794	48,82
	Dec. 66	43,779	48,82
1797	Jan. 0	0 2 46,859	+ 14 3 8,85
	Apr. 10	46,850	8,89
	Jul. 19	46,849	8,98
	Oct. 27	46,857	9,13
	Dec. 66	46,874	9,34
1798	Jan. 0	0 2 49,944	+ 14 3 29,29
	Apr. 10	49,967	29,53
	Jul. 19	49,997	29,82
	Oct. 27	50,036	30,15
	Dec. 66	50,082	30,53
1799	Jan. 0	0 2 53,142	+ 14 3 50,43
	Apr. 10	53,193	50,84
	Jul. 19	53,251	51,28
	Oct. 27	53,314	51,76
	Dec. 66	53,384	52,27
1800	Jan. 0	0 2 56,437	+ 14 4 12,13
	Apr. 10	56,511	12,66
	Jul. 19	56,589	13,21
	Oct. 27	56,671	13,78
	Dec. 66	56,757	14,36
1801	Jan. 0	0 2 59,805	+ 14 4 34,20
	Apr. 10	59,893	34,79
	Jul. 19	59,983	35,39
	Oct. 27	3 0,075	35,99
	Dec. 66	0,168	36,59
1802	Jan. 0	0 3 3,214	+ 14 4 56,42
	Apr. 10	3,308	57,02
	Jul. 19	3,400	57,60
	Oct. 27	3,492	58,16
	Dec. 66	3,583	58,71
1803	Jan. 0	0 3 6,630	+ 14 5 18,56
	Apr. 10	6,719	19,10
	Jul. 19	6,805	19,60
	Oct 27	6,887	20,07
	Dec. 66	6,965	20,52
1804	Jan. 1	0 3 10,016	+ 14 5 40,40
	Apr. 10	10,091	40,82
	Jul. 19	10,160	41,19
	Oct. 27	10,223	41,52
	Dec. 66	10,281	41,81
1805	Jan. 0	0 3 13,339	+ 14 6 1,75
	Apr. 10	13,392	2,00
	Jul. 19	13,437	2,19
	Oct. 27	13,474	2,34
	Dec. 66	13,503	2,43
1806	Jan. 0	0 3 16,572	+ 14 6 22,44
	Apr. 10	16,595	22,49
	Jul. 19	16,610	22,49
	Oct. 27	16,616	22,42
	Dec. 66	16,614	22,30
1807	Jan. 0	0 3 19,693	+ 14 6 42,38
	Apr. 10	19,684	42,23
	Jul. 19	19,667	42,02
	Oct. 27	19,640	41,75
	Dec. 66	19,605	41,43
1808	Jan. 1	0 3 22,695	+ 14 7 1,58
	Apr. 10	22,654	1,23
	Jul. 19	22,606	0,83
	Oct. 27	22,550	0,39
	Dec. 66	22,486	6 59,91
1809	Jan. 0	0 3 25,586	+ 14 7 20,10
	Apr. 10	25,517	19,59
	Jul. 19	25,443	19,06
	Oct. 27	25,364	18,49
	Dec. 66	25,279	17,89

Tabulae X. Sect. III. *γ Pegasi.*

	1800		1800		Var. 10 annor.	
Jan. 0	−0,158″	−11,3	+ 3,73″	− 7,8	+3	+2
10	−0,271	−11,0	+ 2,90	− 8,9	+3	+2
20	−0,377	−10,2	+ 1,96	− 9,8	+3	+2
30	−0,474	− 8,9	+ 0,95	−10,2	+2	+2
Febr. 9	−0,555	− 7,1	− 0,03	−10,2	+2	+2
19	−0,615	− 4,8	− 1,08	− 9,7	+2	+2
Mart. 1	−0,650	− 1,9	− 2,01	− 8,6	+1	+2
11	−0,653	+ 1,5	− 2,80	− 7,0	0	+2
21	−0,621	+ 5,2	− 3,40	− 4,9	0	+1
31	−0,549	+ 9,3	− 3,77	− 2,3	−1	+1
Apr. 10	−0,436	+13,4	− 3,86	+ 0,6	−1	+1
20	−0,281	+17,5	− 3,66	+ 3,7	−2	0
30	−0,086	+21,4	− 3,13	+ 6,9	−2	0
Maj. 10	+0,146	+24,9	− 2,29	+ 9,9	−2	−1
20	+0,411	+27,8	− 1,15	+12,9	−2	−1
30	+0,702	+30,1	+ 0,28	+15,6	−2	−1
Jun. 9	+1,012	+31,5	+ 1,96	+17,8	−3	−2
19	+1,332	+32,1	+ 3,83	+19,5	−2	−2
29	+1,654	+32,0	+ 5,86	+20,8	−2	−2
Jul. 9	+1,971	+30,9	+ 7,99	+21,6	−2	−2
19	+2,272	+29,1	+10,17	+21,7	−2	−2
29	+2,552	+26,6	+12,33	+21,3	−2	−2
Aug. 8	+2,804	+23,5	+14,43	+20,5	−1	−2
18	+3,022	+20,0	+16,43	+19,2	−1	−2
28	+3,204	+16,3	+18,27	+17,6	0	−2
Sept. 7	+3,348	+12,5	+19,95	+15,8	0	−2
17	+3,453	+ 8,7	+21,42	+13,6	+1	−1
27	+3,521	+ 5,0	+22,67	+11,4	+1	−1
Oct. 7	+3,552	+ 1,6	+23,70	+ 9,2	+2	−1
17	+3,552	− 1,4	+24,50	+ 6,9	+2	0
27	+3,524	− 4,1	+25,07	+ 4,7	+3	0
Nov. 6	+3,471	− 6,3	+25,44	+ 2,6	+3	0
16	+3,398	− 8,1	+25,58	+ 0,4	+4	+1
26	+3,310	− 9,4	+25,52	− 1,6	+4	+1
Dec. 6	+3,210	−10,4	+25,27	− 3,5	+4	+1
16	+3,102	−11,1	+24,83	− 5,3	+4	+1
26	+2,989	−11,4	+24,22	− 6,9	+4	+2
36	+2,875	−11,5	+23,46	− 8,4	+4	+2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	0 2 26,3534	+ 14 0 55,310
1791	2 29,4290	1 15,342
1792	2 32,5048	1 35,374
1793	2 35,5807	1 55,406
1794	2 38,6566	2 15,438
1795	2 41,7326	2 35,469
1796	2 44,8087	2 55,501
1797	2 47,8849	3 15,532
1798	2 50,9612	3 35,564
1799	2 54,0376	3 55,595
1800	2 57,1143	4 15,626
1801	3 0,1909	4 35,657
1802	3 3,2676	4 55,688
1803	3 6,3444	5 15,718
1804	3 9,4213	5 35,749
1805	3 12,4983	5 55,779
1806	3 15,5754	6 15,810
1807	3 18,6526	6 35,840
1808	3 21,7299	6 55,870
1809	3 24,8073	7 15,900
1810	3 27,8849	7 35,929

Diei reducto addendum est:

ante } Mart. 21 { + 1
post } Mart. 21 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Arietis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	1 55 23,237	+22 27 42,11	1800	Jan. 0	1 55 54,988	+22 30 35,32
	Apr. 10	23,177	41,44		Apr. 10	55,066	35,98
	Jul. 19	23,109	40,76		Jul. 19	55,148	36,62
	Oct. 27	23,034	40,08		Oct. 27	55,236	37,25
	Dec. 66	22,952	39,40		Dec. 66	55,328	37,86
1791	Jan. 0	1 55 26,330	+22 27 57,05	1801	Jan. 0	1 55 58,649	+22 30 55,05
	Apr. 10	26,243	56,37		Apr. 10	58,744	55,65
	Jul. 19	26,152	55,72		Jul. 19	58,841	56,21
	Oct. 27	26,055	55,08		Oct. 27	58,941	56,74
	Dec. 66	25,954	54,47		Dec. 66	59,043	57,23
1792	Jan. 1	1 55 29,338	+22 28 12,09	1802	Jan. 0	1 56 2,360	+22 31 14,47
	Apr. 10	29,235	11,50		Apr. 10	2,462	14,94
	Jul. 19	29,130	10,95		Jul. 19	2,564	15,36
	Oct. 27	29,024	10,44		Oct. 27	2,665	15,73
	Dec. 66	28,917	9,97		Dec. 66	2,766	16,06
1793	Jan. 0	1 55 32,303	+22 28 27,54	1803	Jan. 0	1 56 6,085	+22 31 33,35
	Apr. 10	32,195	27,10		Apr. 10	6,184	33,64
	Jul. 19	32,090	26,72		Jul. 19	6,279	33,88
	Oct. 27	31,987	26,39		Oct. 27	6,371	34,06
	Dec. 66	31,886	26,12		Dec. 66	6,460	34,19
1794	Jan. 0	1 55 35,270	+22 28 43,62	1804	Jan. 1	1 56 9,783	+22 31 51,54
	Apr. 10	35,171	43,39		Apr. 10	9,868	51,63
	Jul. 19	35,078	43,22		Jul. 19	9,947	51,65
	Oct. 27	34,990	43,12		Oct. 27	10,020	51,62
	Dec. 66	34,907	43,08		Dec. 66	10,086	51,53
1795	Jan. 0	1 55 38,285	+22 29 0,50	1805	Jan. 0	1 56 13,417	+22 32 8,95
	Apr. 10	38,207	0,50		Apr. 10	13,479	8,81
	Jul. 19	38,136	0,56		Jul. 19	13,532	8,62
	Oct. 27	38,073	0,69		Oct. 27	13,577	8,37
	Dec. 66	38,018	0,88		Dec. 66	13,614	8,06
1796	Jan. 1	1 55 41,386	+22 29 18,22	1806	Jan. 0	1 56 16,955	+22 32 25,56
	Apr. 10	41,337	18,45		Apr. 10	16,986	25,21
	Jul. 19	41,297	18,73		Jul. 19	17,007	24,82
	Oct. 27	41,266	19,07		Oct. 27	17,019	24,37
	Dec. 66	41,245	19,47		Dec. 66	17,021	23,88
1797	Jan. 0	1 55 44,602	+22 29 36,73	1807	Jan. 0	1 56 20,374	+22 32 41,44
	Apr. 10	44,587	37,15		Apr. 10	20,369	40,92
	Jul. 19	44,581	37,63		Jul. 19	20,355	40,36
	Oct. 27	44,585	38,13		Oct. 27	20,331	39,77
	Dec. 66	44,599	38,69		Dec. 66	20,297	39,15
1798	Jan. 0	1 55 47,944	+22 29 55,91	1808	Jan. 1	1 56 23,663	+22 32 56,74
	Apr. 10	47,964	56,48		Apr. 10	23,623	56,10
	Jul. 19	47,993	57,07		Jul. 19	23,574	55,44
	Oct. 27	48,030	57,69		Oct. 27	23,517	54,77
	Dec. 66	48,076	58,33		Dec. 66	23,451	54,09
1799	Jan. 0	1 55 51,411	+22 30 15,52	1809	Jan. 0	1 56 26,827	+22 33 11,70
	Apr. 10	51,463	16,17		Apr. 10	26,756	11,01
	Jul. 19	51,522	16,82		Jul. 19	26,678	10,33
	Oct. 27	51,588	17,48		Oct. 27	26,594	9,66
	Dec. 66	51,661	18,14		Dec. 66	26,503	9,00

Tabulae X. Sect. III. *α Arietis.*

	1800		1800		Var. 10 annor.	
	″		″			
Jan. 0	+0,545	—10,6	+ 5,90	— 2,3	+4	+1
10	+0,429	—12,5	+ 5,58	— 4,1	+4	+1
20	+0,296	—13,9	+ 5,09	— 5,7	+4	+1
30	+0,152	—14,6	+ 4,45	— 7,1	+4	+2
Febr. 9	+0,005	—14,6	+ 3,68	— 8,2	+3	+2
19	—0,139	—13,8	+ 2,82	— 8,9	+3	+2
Mart. 1	—0,270	—12,0	+ 1,90	— 9,3	+3	+2
11	—0,379	— 9,5	+ 0,96	— 9,2	+2	+2
21	—0,459	— 6,1	+ 0,07	— 8,5	+2	+2
31	—0,501	— 2,1	— 0,74	— 7,4	+1	+2
Apr. 10	—0,500	+ 2,5	— 1,40	— 5,7	0	+2
20	—0,452	+ 7,3	— 1,87	— 3,6	0	+1
30	—0,355	+12,1	— 2,11	— 1,1	—1	+1
Maj. 10	—0,210	+16,8	— 2,09	+ 1,6	—1	0
20	—0,019	+21,3	— 1,80	+ 4,3	—1	0
30	+0,215	+25,2	— 1,23	+ 7,2	—2	—1
Jun. 9	+0,484	+28,4	— 0,38	+ 9,8	—2	—1
19	+0,782	+30,8	+ 0,72	+12,2	—2	—2
29	+1,100	+32,4	+ 2,05	+14,3	—2	—2
Jul. 9	+1,430	+33,2	+ 3,57	+16,0	—2	—2
19	+1,764	+33,2	+ 5,24	+17,2	—2	—3
29	+2,094	+32,4	+ 7,01	+18,0	—2	—3
Aug. 8	+2,412	+30,9	+ 8,84	+18,4	—2	—4
18	+2,712	+28,9	+10,68	+18,3	—2	—4
28	+2,989	+26,4	+12,49	+17,7	—1	—4
Sept. 7	+3,239	+23,5	+14,22	+16,8	—1	—4
17	+3,459	+20,5	+15,85	+15,7	0	—4
27	+3,648	+17,3	+17,36	+14,3	0	—4
Oct. 7	+3,805	+14,1	+18,71	+12,8	+1	—4
17	+3,929	+10,9	+19,91	+11,1	+2	—4
27	+4,022	+ 7,8	+20,93	+ 9,4	+2	—4
Nov. 6	+4,084	+ 4,7	+21,78	+ 7,7	+3	—4
16	+4,116	+ 1,7	+22,46	+ 5,9	+4	—3
26	+4,118	— 1,2	+22,96	+ 4,2	+4	—3
Dec. 6	+4,092	— 4,0	+23,29	+ 2,4	+5	—3
16	+4,038	— 6,7	+23,44	+ 0,6	+5	—2
26	+3,953	— 9,2	+23,40	— 1,3	+5	—2
36	+3,855	—11,3	+23,19	— 3,0	+6	—2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	1 55 22,2630	+22 27 40,749
1791	55 25,6126	27 58,170
1792	55 28,9624	28 15,588
1793	55 32,3124	28 33,003
1794	55 35,6626	28 50,417
1795	55 39,0131	29 7,828
1796	55 42,3637	29 25,236
1797	55 45,7145	29 42,642
1798	55 49,0655	30 0,046
1799	55 52,4167	30 17,447
1800	55 55,7682	30 34,846
1801	55 59,1198	30 52,243
1802	56 2,4716	31 9,637
1803	56 5,8236	31 27,028
1804	56 9,1758	31 44,418
1805	56 12,5283	32 1,805
1806	56 15,8809	32 19,189
1807	56 19,2337	32 36,571
1808	56 22,5867	32 53,951
1809	56 25,9399	33 11,328
1810	56 29,2935	33 28,703

Diei reducto addendum est:

ante } Apr. 20 { + 1
post } Apr. 20 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Ceti.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	2 51 19,950	+ 3 15 20,97	1800	Jan. 0	2 51 49,781	+ 3 17 49,68
	Apr. 10	19,883	20,24		Apr. 10	49,862	50,25
	Jul. 19	19,808	19,53		Jul. 19	49,946	50,85
	Oct. 27	19,730	18,83		Oct. 27	50,033	51,49
	Dec. 66	19,644	18,15		Dec. 66	50,124	52,16
1791	Jan. 0	2 51 22,793	+ 3 15 32,96	1801	Jan. 0	2 51 53,214	+ 3 18 6,51
	Apr. 10	22,704	32,30		Apr. 10	53,301	7,05
	Jul. 19	22,613	31,67		Jul. 19	53,389	7,54
	Oct. 27	22,519	31,07		Oct. 27	53,486	7,99
	Dec. 66	22,422	30,53		Dec. 66	53,583	8,39
1792	Jan. 1	2 51 25,574	+ 3 15 45,29	1802	Jan. 0	2 51 56,676	+ 3 18 22,81
	Apr. 10	25,476	44,77		Apr. 10	56,769	23,17
	Jul. 19	25,378	44,31		Jul. 19	56,861	23,47
	Oct. 27	25,280	43,90		Oct. 27	56,951	23,72
	Dec. 66	25,183	43,55		Dec. 66	57,038	23,90
1793	Jan. 0	2 51 28,335	+ 3 15 58,24	1803	Jan. 0	2 52 0,131	+ 3 18 38,39
	Apr. 10	28,239	57,93		Apr. 10	0,216	38,54
	Jul. 19	28,146	57,69		Jul. 19	0,297	38,62
	Oct. 27	28,057	57,52		Oct. 27	0,373	38,63
	Dec. 66	27,971	57,41		Dec. 66	0,445	38,58
1794	Jan. 0	2 51 31,119	+ 3 16 12,01	1804	Jan. 1	2 52 3,542	+ 3 18 53,15
	Apr. 10	31,036	11,96		Apr. 10	3,610	53,03
	Jul. 19	30,959	11,97		Jul. 19	3,672	52,87
	Oct. 27	30,888	12,04		Oct. 27	3,726	52,67
	Dec. 66	30,824	12,17		Dec. 66	3,774	52,42
1795	Jan. 0	2 51 33,965	+ 3 16 26,69	1805	Jan. 0	2 52 6,880	+ 3 19 7,05
	Apr. 10	33,905	26,88		Apr. 10	6,923	6,73
	Jul. 19	33,853	27,13		Jul. 19	6,958	6,36
	Oct. 27	33,809	27,43		Oct. 27	6,984	5,93
	Dec. 66	33,773	27,82		Dec. 66	7,003	5,45
1796	Jan. 1	2 51 36,905	+ 3 16 42,25	1806	Jan. 0	2 52 10,119	+ 3 19 20,15
	Apr. 10	36,875	42,67		Apr. 10	10,131	19,64
	Jul. 19	36,853	43,13		Jul. 19	10,135	19,08
	Oct. 27	36,841	43,64		Oct. 27	10,129	18,48
	Dec. 66	36,837	44,20		Dec. 66	10,115	17,84
1797	Jan. 0	2 51 39,958	+ 3 16 58,57	1807	Jan. 0	2 52 13,242	+ 3 19 32,59
	Apr. 10	39,960	59,16		Apr. 10	13,222	31,93
	Jul. 19	39,971	59,78		Jul. 19	13,193	31,25
	Oct. 27	39,991	17 0,42		Oct. 27	13,156	30,55
	Dec. 66	40,019	1,10		Dec. 66	13,110	29,83
1798	Jan. 0	2 51 43,129	+ 3 17 15,43	1808	Jan. 1	2 52 16,247	+ 3 19 44,60
	Apr. 10	43,163	16,12		Apr. 10	16,196	43,87
	Jul. 19	43,204	16,82		Jul. 19	16,138	43,15
	Oct. 27	43,253	17,53		Oct. 27	16,072	42,42
	Dec. 66	43,309	18,25		Dec. 66	15,999	41,70
1799	Jan. 0	2 51 46,410	+ 3 17 32,57	1809	Jan. 0	2 52 19,146	+ 3 19 56,46
	Apr. 10	46,471	33,28		Apr. 10	19,069	55,75
	Jul. 19	46,537	33,98		Jul. 19	18,988	55,06
	Oct. 27	46,609	34,67		Oct. 27	18,902	54,40
	Dec. 66	46,687	35,34		Dec. 66	18,811	53,76

Tabulae X. Sect. III. *α Ceti.*

	1800		1800		Var. 10 annor.	
	″		″			
Jan. 0	+0,785	— 7,2	— 0,62	— 7,3	+3	+1
10	+0,699	— 9,8	— 1,33	— 6,8	+3	+1
20	+0,589	—12,0	— 1,98	— 6,2	+3	+1
30	+0,459	—13,7	— 2,56	— 5,3	+3	+1
Febr. 9	+0,316	—14,6	— 3,04	— 4,3	+3	+1
19	+0,167	—14,8	— 3,42	— 3,2	+3	+1
Mart. 1	+0,020	—14,2	— 3,68	— 1,9	+3	+1
11	—0,116	—12,6	— 3,80	— 0,5	+2	+1
21	—0,231	—10,2	— 3,77	+ 1,2	+2	+1
31	—0,319	— 7,0	— 3,57	+ 3,0	+2	0
Apr. 10	—0,371	— 3,2	— 3,18	+ 5,0	+1	0
20	—0,383	+ 1,0	— 2,58	+ 7,0	+1	0
30	—0,351	+ 5,6	— 1,78	+ 9,0	0	—1
Maj. 10	—0,272	+10,2	— 0,78	+11,1	0	—1
20	—0,148	+14,6	+ 0,44	+13,1	—1	—1
30	+0,019	+18,7	+ 1,83	+14,7	—1	—2
Jun. 9	+0,226	+22,4	+ 3,38	+16,2	—1	—2
19	+0,466	+25,4	+ 5,05	+17,1	—2	—2
29	+0,733	+27,8	+ 6,80	+17,7	—2	—3
Jul. 9	+1,021	+29,4	+ 8,58	+17,8	—2	—3
19	+1,321	+30,3	+10,35	+17,3	—2	—3
29	+1,627	+30,6	+12,04	+16,4	—2	—3
Aug. 8	+1,932	+29,9	+13,62	+15,0	—2	—3
18	+2,227	+28,8	+15,04	+13,2	—2	—3
28	+2,510	+27,4	+16,25	+11,0	—2	—3
Sept. 7	+2,775	+25,5	+17,23	+ 8,5	—2	—3
17	+3,019	+23,2	+17,95	+ 5,9	—1	—3
27	+3,238	+20,6	+18,41	+ 3,4	—1	—3
Oct. 7	+3,431	+18,0	+18,62	+ 0,9	—1	—3
17	+3,598	+15,3	+18,59	— 1,4	0	—3
27	+3,736	+12,4	+18,35	— 3,4	0	—3
Nov. 6	+3,845	+ 9,5	+17,92	— 5,0	+1	—3
16	+3,925	+ 6,5	+17,36	— 6,3	+2	—3
26	+3,975	+ 3,6	+16,67	— 7,2	+2	—3
Dec. 6	+3,996	+ 0,6	+15,93	— 7,6	+3	—2
16	+3,986	— 2,6	+15,16	— 7,7	+3	—2
26	+3,945	— 5,5	+14,39	— 7,5	+3	—2
36	+3,876	— 8,3	+13,66	— 7,1	+4	—2

	A. R. med.	Decl. med.
1790	2h 51′ 19″,1604	+ 3° 15′ 21″,528
1791	51 22,2803	15 36,112
1792	51 25,4003	15 50,692
1793	51 28,5204	16 5,270
1794	51 31,6405	16 19,844
1795	51 34,7606	16 34,416
1796	51 37,8809	16 48,984
1797	51 41,0013	17 3,548
1798	51 44,1218	17 18,110
1799	51 47,2424	17 32,669
1800	51 50,3633	17 47,224
1801	51 53,4841	18 1,776
1802	51 56,6050	18 16,325
1803	51 59,7262	18 30,871
1804	52 2,8471	18 45,414
1805	52 5,9684	18 59,954
1806	52 9,0897	19 14,491
1807	52 12,2111	19 29,024
1808	52 15,3326	19 43,554
1809	52 18,4542	19 58,081
1810	52 21,5759	20 12,605

Diei reducto addendum est:

ante	Maj. 5	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	4 23 54,183	+ 16 4 15,80	1800	Jan. 0	4 24 26,881	+ 16 5 44,48
	Apr. 10	54,111	15,07		Apr. 10	26,968	45,07
	Jul. 19	54,033	14,39		Jul. 19	27,058	45,60
	Oct. 27	53,948	13,75		Oct. 27	27,153	46,08
	Dec. 66	53,857	13,15		Dec. 66	27,251	46,50
1791	Jan. 0	4 23 57,314	+ 16 4 21,34	1801	Jan. 0	4 24 30,645	+ 16 5 54,32
	Apr. 10	57,219	20,78		Apr. 10	30,745	54,69
	Jul. 19	57,121	20,28		Jul. 19	30,846	55,02
	Oct. 27	57,019	19,84		Oct. 27	30,949	55,27
	Dec. 66	56,913	19,46		Dec. 66	31,052	55,45
1792	Jan. 1	4 24 0,375	+ 16 4 27,57	1802	Jan. 0	4 24 34,445	+ 16 6 3,34
	Apr. 10	0,267	27,24		Apr. 10	34,548	3,48
	Jul. 19	0,160	26,98		Jul. 19	34,649	3,55
	Oct. 27	0,052	26,80		Oct. 27	34,748	3,55
	Dec. 66	23 59,945	26,69		Dec. 66	34,846	3,48
1793	Jan. 0	4 24 3,407	+ 16 4 34,70	1803	Jan. 0	4 24 38,241	+ 16 6 11,45
	Apr. 10	3,300	34,64		Apr. 10	38,336	11,33
	Jul. 19	3,197	34,66		Jul. 19	38,427	11,14
	Oct. 27	3,097	34,75		Oct. 27	38,513	10,88
	Dec. 66	3,001	34,92		Dec. 66	38,594	10,56
1794	Jan. 0	4 24 6,459	+ 16 4 42,83	1804	Jan. 1	4 24 41,995	+ 16 6 18,61
	Apr. 10	6,366	43,05		Apr. 10	42,072	18,24
	Jul. 19	6,279	43,34		Jul. 19	42,142	17,82
	Oct. 27	6,199	43,70		Oct. 27	42,305	17,33
	Dec. 66	6,125	44,12		Dec. 66	42,261	16,79
1795	Jan. 0	4 24 9,575	+ 16 4 51,94	1805	Jan. 0	4 24 45,671	+ 16 6 24,91
	Apr. 10	9,506	52,41		Apr. 10	45,721	24,34
	Jul. 19	9,446	52,93		Jul. 19	45,763	23,71
	Oct. 27	9,495	53,50		Oct. 27	45,796	23,01
	Dec. 66	9,352	54,13		Dec. 66	45,820	22,25
1796	Jan. 1	4 24 12,792	+ 16 5 1,89	1806	Jan. 0	4 24 49,240	+ 16 6 30,42
	Apr. 10	12,755	2,55		Apr. 10	49,258	29,74
	Jul. 19	12,728	3,24		Jul. 19	49,266	29,02
	Oct. 27	12,710	3,96		Oct. 27	49,264	28,26
	Dec. 66	12,702	4,72		Dec. 66	49,252	27,45
1797	Jan. 0	4 24 16,130	+ 16 5 12,43	1807	Jan. 0	4 24 52,685	+ 16 6 35,64
	Apr. 10	16,129	13,20		Apr. 10	52,666	34,84
	Jul. 19	16,137	13,98		Jul. 19	52,638	34,04
	Oct. 27	16,155	14,77		Oct. 27	52,601	33,24
	Dec. 66	16,182	15,56		Dec. 66	52,554	32,45
1798	Jan. 0	4 24 19,598	+ 16 5 23,25	1808	Jan. 1	4 24 55,999	+ 16 6 40,63
	Apr. 10	19,632	24,04		Apr. 10	55,946	39,85
	Jul. 19	19,674	24,82		Jul. 19	55,885	39,09
	Oct. 27	19,724	25,59		Oct. 27	55,816	38,37
	Dec. 66	19,782	26,34		Dec. 66	55,739	37,67
1799	Jan. 0	4 24 23,189	+ 16 5 34,04	1809	Jan. 0	4 24 59,193	+ 16 6 45,81
	Apr. 10	23,252	34,77		Apr. 10	59,111	45,14
	Jul. 19	23,322	35,46		Jul. 19	59,024	44,52
	Oct. 27	23,399	36,12		Oct. 27	58,931	43,96
	Dec. 66	23,482	36,74		Dec. 66	58,832	43,44

Tabulae X. Sect. III. *α Tauri.*

	1800		1800		Var. 10 annor.	
	″		″			
Jan. 0	+1,210	− 0,5	+ 1,30	− 2,5	+2	−1
10	+1,184	− 4,6	+ 1,05	− 2,5	+2	−1
20	+1,119	− 8,4	+ 0,80	− 2,5	+3	−1
30	+1,017	−11,8	+ 0,55	− 2,6	+3	0
Febr. 9	+0,884	−14,5	+ 0,29	− 2,6	+3	0
19	+0,728	−16,3	+ 0,03	− 2,7	+3	0
Mart. 1	+0,558	−17,1	− 0,25	− 2,8	+4	0
11	+0,385	−17,0	− 0,52	− 2,7	+3	0
21	+0,218	−15,8	− 0,78	− 2,5	+3	0
31	+0,069	−13,6	− 1,02	− 2,1	+3	0
Apr. 10	−0,054	−10,5	− 1,19	− 1,4	+3	0
20	−0,141	− 6,7	− 1,30	− 0,6	+2	0
30	−0,188	− 2,4	− 1,30	+ 0,6	+2	0
Maj. 10	−0,188	+ 2,3	− 1,19	+ 1,8	+1	0
20	−0,142	+ 7,0	− 0,94	+ 3,3	+1	0
30	−0,049	+11,6	− 0,54	+ 4,8	0	0
Jun. 9	+0,089	+15,9	+ 0,01	+ 6,2	0	−1
19	+0,269	+19,8	+ 0,69	+ 7,5	−1	−1
29	+0,485	+23,2	+ 1,51	+ 8,7	−1	−1
Jul. 9	+0,732	+26,0	+ 2,42	+ 9,6	−2	−2
19	+1,004	+28,1	+ 3,42	+10,2	−2	−2
29	+1,293	+29,5	+ 4,45	+10,3	−2	−3
Aug. 8	+1,594	+30,5	+ 5,48	+10,2	−2	−5
18	+1,902	+30,8	+ 6,48	+ 9,7	−2	−3
28	+2,209	+30,6	+ 7,41	+ 8,8	−2	−4
Sept. 7	+2,513	+30,0	+ 8,24	+ 7,7	−2	−4
17	+2,809	+29,0	+ 8,94	+ 6,3	−2	−4
27	+3,093	+27,7	+ 9,50	+ 4,9	−2	−5
Oct. 7	+3,363	+26,1	+ 9,91	+ 3,4	−2	−5
17	+3,615	+24,3	+10,18	+ 2,0	−1	−5
27	+3,848	+22,1	+10,31	+ 0,7	−1	−5
Nov. 6	+4,057	+19,6	+10,32	− 0,4	0	−5
16	+4,239	+16,7	+10,24	− 1,2	0	−5
26	+4,391	+13,6	+10,08	− 1,8	+1	−6
Dec. 6	+4,510	+10,0	+ 9,88	− 2,2	+2	−6
16	+4,591	+ 6,1	+ 9,65	− 2,4	+2	−6
26	+4,632	+ 2,1	+ 9,40	− 2,5	+3	−5
36	+4,632	− 2,0	+ 9,15	− 2,5	+3	−5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	4 23 53,2888	+ 16 4 19,399
1791	23 56,7148	4 27,391
1792	24 0,1409	4 35,378
1793	24 3,5672	4 43,361
1794	24 6,9936	4 51,339
1795	24 10,4201	4 59,312
1796	24 13,8467	5 7,281
1797	24 17,2734	5 15,245
1798	24 20,7002	5 23,205
1799	24 24,1271	5 31,160
1800	24 27,5541	5 39,111
1801	24 30,9812	5 47,057
1802	24 34,4084	5 54,998
1803	24 37,8357	6 2,935
1804	24 41,2632	6 10,867
1805	24 44,6908	6 18,795
1806	24 48,1185	6 26,718
1807	24 51,5463	6 34,636
1808	24 54,9742	6 42,550
1809	24 58,4022	6 50,459
1810	25 1,8303	6 58,364

Diei reducto addendum est:

ante } Maj. 29 { + 1
post } Maj. 29 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Aurigae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	5 1 13,342	+45 45 47,24	1800	Jan. 0	5 1 55,313	+45 46 44,61
	Apr. 10	13,254	46,55		Apr. 10	55,422	45,14
	Jul. 19	13,157	45,91		Jul. 19	55,536	45,61
	Oct. 27	13,052	45,33		Oct. 27	55,655	46,01
	Dec. 66	12,938	44,79		Dec. 66	55,780	46,36
1791	Jan. 0	5 1 17,384	+45 45 49,63	1801	Jan. 0	5 2 0,147	+45 46 50,85
	Apr. 10	17,265	49,14		Apr. 10	0,275	51,15
	Jul. 19	17,140	48,71		Jul. 19	0,404	51,38
	Oct. 27	17,011	48,36		Oct. 27	0,536	51,54
	Dec. 66	16,876	48,07		Dec. 66	0,669	51,63
1792	Jan. 1	5 1 21,329	+45 45 52,81	1802	Jan. 0	5 2 5,034	+45 46 56,20
	Apr. 10	21,192	52,57		Apr. 10	5,167	56,24
	Jul. 19	21,054	52,41		Jul. 19	5,299	56,21
	Oct. 27	20,915	52,33		Oct. 27	5,428	56,11
	Dec. 66	20,776	52,32		Dec. 66	5,556	55,94
1793	Jan. 0	5 1 25,230	+45 45 56,97	1803	Jan. 0	5 2 9,923	+45 47 0,59
	Apr. 10	25,092	57,02		Apr. 10	10,048	0,37
	Jul. 19	24,957	57,14		Jul. 19	10,168	0,08
	Oct. 27	24,826	57,34		Oct. 27	10,282	46 59,72
	Dec. 66	24,698	57,61		Dec. 66	10,390	59,30
1794	Jan. 0	5 1 29,150	+45 46 2,16	1804	Jan. 1	5 2 14,765	+45 47 4,03
	Apr. 10	29,027	2,48		Apr. 10	14,868	3,57
	Jul. 19	28,911	2,87		Jul. 19	14,963	3,05
	Oct. 27	28,804	3,33		Oct. 27	15,049	2,48
	Dec. 66	28,704	3,85		Dec. 66	15,126	1,85
1795	Jan. 0	5 1 33,145	+45 46 8,31	1805	Jan. 0	5 2 19,511	+45 47 6,64
	Apr. 10	33,052	8,86		Apr. 10	19,581	5,98
	Jul. 19	32,969	9,48		Jul. 19	19,640	5,28
	Oct. 27	32,897	10,13		Oct. 27	19,688	4,55
	Dec. 66	32,836	10,84		Dec. 66	19,724	3,79
1796	Jan. 1	5 1 37,264	+45 46 15,23	1806	Jan. 0	5 2 24,124	+45 47 8,62
	Apr. 10	37,211	15,96		Apr. 10	24,152	7,84
	Jul. 19	37,170	16,71		Jul. 19	24,168	7,04
	Oct. 27	37,141	17,49		Oct. 27	24,171	6,23
	Dec. 66	37,125	18,29		Dec. 66	24,162	5,41
1797	Jan. 0	6 1 41,537	+45 46 22,65	1807	Jan. 0	5 2 28,577	+45 47 10,24
	Apr. 10	41,529	23,46		Apr. 10	28,559	9,42
	Jul. 19	41,534	24,27		Jul. 19	28,529	8,61
	Oct. 27	41,553	25,08		Oct. 27	28,486	7,81
	Dec. 66	41,584	25,88		Dec. 66	28,431	7,03
1798	Jan. 0	5 1 45,978	+45 46 30,23	1808	Jan. 1	5 2 32,862	+45 47 11,85
	Apr. 10	46,015	31,03		Apr. 10	32,799	11,09
	Jul. 19	46,063	31,81		Jul. 19	32,725	10,36
	Oct. 27	46,122	32,56		Oct. 27	32,641	9,67
	Dec. 66	46,193	33,28		Dec. 66	32,546	9,01
1799	Jan. 0	5 1 50,577	+45 46 37,66	1809	Jan. 0	5 2 36,990	+45 47 13,78
	Apr. 10	50,655	38,36		Apr. 10	36,888	13,16
	Jul. 19	50,741	39,01		Jul. 19	36,779	12,60
	Oct. 27	50,836	39,62		Oct. 27	36,662	12,10
	Dec. 66	50,940	40,19		Dec. 66	36,537	11,66

Tabulae X. Sect. III. *α Aurigae.*

	1800		1800		Var. 10 annor.	
	″		″			
Jan. 0	+1,816	+ 2,6	+4,28	+14,0	+3	− 4
10	+1,811	− 3,5	+5,63	+12,8	+4	− 4
20	+1,746	− 9,4	+6,84	+11,1	+5	− 4
30	+1,624	−14,7	+7,85	+ 9,0	+5	− 3
Febr. 9	+1,452	−19,3	+8,63	+ 6,4	+6	− 3
19	+1,241	−22,5	+9,13	+ 3,5	+6	− 2
Mart. 1	+1,003	−24,5	+9,33	+ 0,5	+6	− 1
11	+0,752	−25,1	+9,23	− 2,6	+6	0
21	+0,502	−24,2	+8,82	− 5,5	+6	0
31	+0,269	−21,8	+8,14	− 8,0	+6	+ 1
Apr. 10	+0,066	−18,4	+7,22	−10,2	+5	+ 1
20	−0,095	−13,6	+6,10	−12,0	+4	+ 2
30	−0,206	− 8,2	+4,83	−13,1	+4	+ 2
Maj. 10	−0,259	− 2,2	+3,48	−13,7	+3	+ 2
20	−0,250	+ 4,0	+2,10	−13,7	+2	+ 2
30	−0,180	+10,2	+0,74	−13,2	+1	+ 2
Jun. 9	−0,047	+16,1	−0,53	−12,2	0	+ 2
19	+0,142	+21,6	−1,70	−10,8	−1	+ 2
29	+0,384	+26,5	−2,69	− 9,1	−2	+ 1
Jul. 9	+0,672	+30,7	−3,52	− 7,3	−2	0
19	+0,998	+34,2	−4,15	− 5,3	−3	0
29	+1,355	+36,9	−4,58	− 3,3	−3	− 1
Aug. 8	+1,736	+38,9	−4,81	− 1,3	−4	− 2
18	+2,133	+40,2	−4,83	+ 0,7	−4	− 3
28	+2,540	+40,9	−4,67	+ 2,6	−4	− 4
Sept. 7	+2,951	+41,1	−4,32	+ 4,3	−4	− 5
17	+3,360	+40,7	−3,81	+ 5,9	−4	− 5
27	+3,762	+39,6	−3,14	+ 7,5	−4	− 6
Oct. 7	+4,152	+38,2	−2,32	+ 8,9	−3	− 7
17	+4,526	+36,3	−1,37	+10,2	−3	− 8
27	+4,878	+33,9	−0,28	+11,4	−2	− 9
Nov. 6	+5,203	+30,8	+0,91	+12,5	−1	− 9
16	+5,494	+27,2	+2,22	+13,5	0	−10
26	+5,746	+22,8	+3,60	+14,2	+1	−10
Dec. 6	+5,950	+17,9	+5,05	+14,7	+2	−11
16	+6,103	+12,4	+6,53	+14,8	+3	−11
26	+6,197	+ 6,4	+8,00	+14,4	+4	−11
36	+6,231	+ 0,3	+9,41	+13,6	+5	−10

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	5 1 12,1478	+45 45 51,930
1791	1 16,5554	45 56,593
1792	1 20,9632	46 1,250
1793	1 25,3712	46 5,901
1794	1 29,7793	46 10,546
1795	1 34,1876	46 15,184
1796	1 38,5961	46 19,816
1797	1 43,0048	46 24,442
1798	1 47,4137	46 29,061
1799	1 51,8228	46 33,675
1800	1 56,2320	46 38,282
1801	2 0,6414	46 42,883
1802	2 5,0510	46 47,478
1803	2 9,4608	46 52,066
1804	2 13,8708	46 56,649
1805	2 18,2810	47 1,225
1806	2 22,6914	47 5,795
1807	2 27,1019	47 10,358
1808	2 31,5126	47 14,916
1809	2 35,9235	47 19,467
1810	2 40,3346	47 24,012

Diei reducto addendum est:

ante } Jun. 7 { + 1
post } Jun. 7 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. β *Orionis.*

1790	Jan. 0	5ʰ 4′ 27″,806	— 8° 27′ 30″,70	1800	Jan. 0	5ʰ 4′ 55″,382	— 8° 26′ 31″,87
	Apr. 10	27,740	31,39		Apr. 10	55,458	31,35
	Jul. 19	27,670	32,02		Jul. 19	55,537	30,89
	Oct. 27	27,595	32,60		Oct. 27	55,619	30,49
	Dec. 66	27,516	33,12		Dec. 66	55,704	30,15
1791	Jan. 0	5 4 30,419	— 8 27 28,17	1801	Jan. 0	5 4 58,553	— 8 26 25,52
	Apr. 10	30,336	28,65		Apr. 10	58,639	25,22
	Jul. 19	30,250	29,07		Jul. 19	58,724	25,00
	Oct. 27	30,162	29,42		Oct. 27	58,811	24,85
	Dec. 66	30,072	29,70		Dec. 66	58,897	24,77
1792	Jan. 1	5 4 32,979	— 8 27 24,84	1802	Jan. 0	5 5 1,746	— 8 26 20,05
	Apr. 10	32,888	25,07		Apr. 10	1,832	20,01
	Jul. 19	32,798	25,22		Jul. 19	1,915	20,05
	Oct. 27	32,708	25,29		Oct. 27	1,996	20,16
	Dec. 66	32,619	25,29		Dec. 66	2,075	20,35
1793	Jan. 0	5 4 35,526	— 8 27 20,53	1803	Jan. 0	5 5 4,927	— 8 26 15,55
	Apr. 10	35,438	20,48		Apr. 10	5,004	15,78
	Jul. 19	35,354	20,34		Jul. 19	5,076	16,07
	Oct. 27	35,273	20,13		Oct. 27	5,144	16,44
	Dec. 66	35,195	19,85		Dec. 66	5,208	16,87
1794	Jan. 0	5 4 38,098	— 8 27 15,18	1804	Jan. 1	5 5 8,065	— 8 26 11,99
	Apr. 10	38,024	14,85		Apr. 10	8,125	12,46
	Jul. 19	37,956	14,45		Jul. 19	8,178	12,98
	Oct. 27	37,894	13,99		Oct. 27	8,225	13,56
	Dec. 66	37,837	13,46		Dec. 66	8,265	14,19
1795	Jan. 0	5 4 40,733	— 8 27 8,87	1805	Jan. 0	5 5 11,130	— 8 26 9,25
	Apr. 10	40,681	8,30		Apr. 10	11,166	9,91
	Jul. 19	40,637	7,69		Jul. 19	11,194	10,61
	Oct. 27	40,600	7,03		Oct. 27	11,214	11,37
	Dec. 66	40,571	6,32		Dec. 66	11,227	12,17
1796	Jan. 1	5 4 43,457	— 8 27 1,80	1806	Jan. 0	5 5 14,101	— 8 26 7,19
	Apr. 10	43,433	1,07		Apr. 10	14,109	7,94
	Jul. 19	43,417	0,31		Jul. 19	14,108	8,72
	Oct. 27	43,410	26 59,53		Oct. 27	14,099	9,53
	Dec. 66	43,410	58,72		Dec. 66	14,082	10,36
1797	Jan. 0	5 4 46,287	— 8 26 54,23	1807	Jan. 0	5 5 16,966	— 8 26 5,36
	Apr. 10	46,293	53,42		Apr. 10	16,943	6,19
	Jul. 19	46,307	52,61		Jul. 19	16,913	7,00
	Oct. 27	46,329	51,80		Oct. 27	16,875	7,79
	Dec. 66	46,359	50,99		Dec. 66	16,829	8,57
1798	Jan. 0	5 4 49,225	— 8 26 46,51	1808	Jan. 1	5 5 19,723	— 8 26 3,60
	Apr. 10	49,260	45,71		Apr. 10	19,672	4,36
	Jul. 19	49,302	44,94		Jul. 19	19,615	5,09
	Oct. 27	49,350	44,19		Oct. 27	19,552	5,78
	Dec. 66	49,405	43,46		Dec. 66	19,482	6,42
1799	Jan. 0	5 4 52,264	— 8 26 38,95	1809	Jan. 0	5 5 22,383	— 8 26 1,50
	Apr. 10	52,323	38,25		Apr. 10	22,310	2,12
	Jul. 19	52,387	37,60		Jul. 19	22,233	2,67
	Oct. 27	52,456	37,00		Oct. 27	22,151	3,17
	Dec. 66	52,529	36,44		Dec. 66	22,066	3,61

Tabulae X. Sect. III. *β Orionis.*

	1800		1800		Var. 10 annor.	
Jan. 0	+1,278″	+ 1,4	− 2,94″	−16,0	+1	+1
10	+1,271	− 2,9	− 4,47	−14,4	+2	+1
20	+1,221	− 6,9	− 5,82	−12,4	+2	+1
30	+1,133	−10,6	− 6,95	−10,2	+2	0
Febr. 9	+1,009	−13,7	− 7,86	− 7,9	+3	0
19	+0,859	−16,1	− 8,53	− 5,5	+3	0
Mart. 1	+0,688	−17,6	− 8,95	− 3,0	+3	0
11	+0,508	−18,0	− 9,12	− 0,5	+3	0
21	+0,328	−17,5	− 9,04	+ 2,1	+3	−1
31	+0,158	−16,0	− 8,70	+ 4,6	+3	−1
Apr. 10	+0,008	−13,7	− 8,13	+ 7,0	+2	−1
20	−0,115	−10,6	− 7,31	+ 9,4	+2	−1
30	−0,204	− 6,9	− 6,26	+11,6	+2	−1
Maj. 10	−0,252	− 2,8	− 5,00	+13,7	+1	−2
20	−0,259	+ 1,6	− 3,53	+15,5	+1	−2
30	−0,221	+ 6,0	− 1,90	+17,1	+1	−2
Jun. 9	−0,140	+10,2	− 0,12	+18,4	0	−2
19	−0,018	+14,1	+ 1,77	+19,1	0	−3
29	+0,142	+17,7	+ 3,70	+19,4	−1	−3
Jul. 9	+0,335	+20,8	+ 5,65	+19,2	−1	−3
19	+0,557	+23,4	+ 7,54	+18,4	−1	−3
29	+0,802	+25,4	+ 9,32	+16,9	−2	−3
Aug. 8	+1,065	+27,0	+10,92	+14,9	−2	−3
18	+1,341	+28,0	+12,30	+12,4	−2	−3
28	+1,624	+28,5	+13,39	+ 9,3	−2	−3
Sept. 7	+1,910	+28,6	+14,16	+ 5,9	−2	−3
17	+2,196	+28,3	+14,57	+ 2,6	−2	−3
27	+2,475	+27,6	+14,61	− 1,5	−2	−3
Oct. 7	+2,747	+26,6	+14,28	− 5,1	−2	−3
17	+3,006	+25,1	+13,59	− 8,5	−2	−3
27	+3,248	+23,3	+12,58	−11,6	−1	−3
Nov. 6	+3,471	+21,1	+11,28	−14,1	−1	−3
16	+3,670	+18,5	+ 9,76	−16,0	−1	−3
26	+3,840	+15,4	+ 8,09	−17,2	0	−3
Dec. 6	+3,977	+11,9	+ 6,33	−17,7	0	−3
16	+4,078	+ 8,1	+ 4,55	−17,5	+1	−3
26	+4,139	+ 4,0	+ 2,83	−16,7	+1	−3
36	+4,158	− 0,2	+ 1,21	−15,5	+2	−3

	A. R. med.	Decl. med.
1790	5ʰ 4′ 27″,1091	− 8° 27′ 25″,915
1791	4 29,9861	27 21,132
1792	4 32,8632	27 16,353
1793	4 35,7403	27 11,578
1794	4 38,6175	27 6,807
1795	4 41,4947	27 2,042
1796	4 44,3720	26 57,280
1797	4 47,2493	26 52,522
1798	4 50,1266	26 47,768
1799	4 53,0040	26 43,018
1800	4 55,8814	26 38,272
1801	4 58,7589	26 33,530
1802	5 1,6364	26 28,792
1803	5 4,5140	26 24,059
1804	5 7,3916	26 19,330
1805	5 10,2692	26 14,605
1806	5 13,1469	26 9,884
1807	5 16,0246	26 5,167
1808	5 18,9024	26 0,454
1809	5 21,7802	25 55,745
1810	5 24,6580	25 51,040

Diei reducto addendum est:

ante } Jun. 7 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *β Tauri.*

1790	Jan. 0	5ʰ 13′ 2″,662	+28° 24′ 41″,59	1800	Jan. 0	5ʰ 13′ 38″,780	+28° 25′ 31″,67
	Apr. 10	2,582	40,92		Apr. 10	38,876	32,18
	Jul. 19	2,495	40,30		Jul. 19	38,977	32,62
	Oct. 27	2,401	39,73		Oct. 27	39,081	33,00
	Dec. 66	2,300	39,22		Dec. 66	39,190	33,32
1791	Jan. 0	5 13 6,117	+28 24 43,26	1801	Jan. 0	5 13 42,937	+28 25 37,04
	Apr. 10	6,011	42,79		Apr. 10	43,048	37,31
	Jul. 19	5,902	42,39		Jul. 19	43,160	37,51
	Oct. 27	5,788	42,06		Oct. 27	43,273	37,63
	Dec. 66	5,672	41,80		Dec. 66	43,387	37,67
1792	Jan. 1	5 13 9,494	+28 24 45,75	1802	Jan. 0	5 13 47,132	+28 25 41,47
	Apr. 10	9,376	45,54		Apr. 10	47,246	41,50
	Jul. 19	9,257	45,41		Jul. 19	47,357	41,45
	Oct. 27	9,139	45,36		Oct. 27	47,467	41,32
	Dec. 66	9,020	45,39		Dec. 66	47,574	41,11
1793	Jan. 0	5 13 12,842	+28 24 49,23	1803	Jan. 0	5 13 51,322	+28 25 44,99
	Apr. 10	12,725	49,31		Apr. 10	51,427	44,74
	Jul. 19	12,612	49,47		Jul. 19	51,526	44,42
	Oct. 27	12,502	49,71		Oct. 27	51,621	44,03
	Dec. 66	12,396	50,01		Dec. 66	51,710	43,58
1794	Jan. 0	5 13 16,214	+28 24 53,75	1804	Jan. 1	5 13 55,464	+28 25 47,54
	Apr. 10	16,111	54,11		Apr. 10	55,549	47,05
	Jul. 19	16,016	54,53		Jul. 19	55,625	46,51
	Oct. 27	15,928	55,01		Oct. 27	55,694	45,91
	Dec. 66	15,848	55,56		Dec. 66	55,755	45,26
1795	Jan. 0	5 13 19,657	+28 24 59,22	1805	Jan. 0	5 13 59,519	+28 25 49,28
	Apr. 10	19,582	59,81		Apr. 10	59,574	48,60
	Jul. 19	19,517	25 0,44		Jul. 19	59,619	47,88
	Oct. 27	19,461	1,12		Oct. 27	59,654	47,13
	Dec. 66	19,414	1,85		Dec. 66	59,679	46,35
1796	Jan. 1	5 13 23,211	+28 25 5,44	1806	Jan. 0	5 14 3,456	+28 25 50,41
	Apr. 10	23,172	6,19		Apr. 10	3,474	49,61
	Jul. 19	23,143	6,96		Jul. 19	3,481	48,81
	Oct. 27	23,125	7,75		Oct. 27	3,478	47,99
	Dec. 66	23,117	8,56		Dec. 66	3,464	47,17
1797	Jan. 0	5 13 26,901	+28 25 12,13	1807	Jan. 0	5 14 7,254	+28 25 51,23
	Apr. 10	26,901	12,95		Apr. 10	7,232	50,40
	Jul. 19	26,911	13,76		Jul. 19	7,200	49,59
	Oct. 27	26,931	14,57		Oct. 27	7,158	48,80
	Dec. 66	26,962	15,38		Dec. 66	7,105	48,03
1798	Jan. 0	5 13 30,734	+28 25 18,95	1808	Jan. 1	5 14 10,908	+28 25 52,06
	Apr. 10	30,772	19,74		Apr. 10	10,849	51,30
	Jul. 19	30,819	20,51		Jul. 19	10,781	50,59
	Oct. 27	30,875	21,25		Oct. 27	10,704	49,91
	Dec. 66	30,941	21,97		Dec. 66	10,618	49,28
1799	Jan. 0	5 13 34,701	+28 25 25,56	1809	Jan. 0	5 14 14,432	+28 25 53,26
	Apr. 10	34,772	26,25		Apr. 10	14,341	52,66
	Jul. 19	34,850	26,89		Jul. 19	14,244	52,12
	Oct. 27	34,936	27,48		Oct. 27	14,141	51,64
	Dec. 66	35,029	28,03		Dec. 66	14,031	51,23

Tabulae X. Sect. III. β *Tauri.*

	1800		1800		Var. 10 annor.	
	″		″			
Jan. 0	+1,467	+ 4,3	+1,66	+4,2	+1	−2
10	+1,485	− 0,7	+2,08	+4,1	+2	−2
20	+1,454	− 5,5	+2,47	+3,6	+3	−2
30	+1,376	−10,0	+2,80	+3,0	+3	−2
Febr. 9	+1,255	−13,8	+3,05	+2,1	+4	−2
19	+1,100	−16,7	+3,22	+1,0	+4	−1
Mart. 1	+0,921	−18,6	+3,26	−0,3	+4	−1
11	+0,728	−19,4	+3,17	−1,5	+4	−1
21	+0,534	−18,9	+2,97	−2,6	+4	0
31	+0,351	−17,3	+2,65	−3,7	+4	0
Apr. 10	+0,189	−14,7	+2,24	−4,5	+4	0
20	+0,058	−11,1	+1,76	−5,0	+3	+1
30	−0,033	− 6,8	+1,25	−5,1	+3	+1
Maj. 10	−0,078	− 2,2	+0,75	−4,9	+2	+1
20	−0,076	+ 2,8	+0,28	−4,4	+2	+1
30	−0,023	+ 7,8	−0,13	−3,7	+1	+1
Jun. 9	+0,079	+12,6	−0,45	−2,7	0	0
19	+0,228	+17,0	−0,66	−1,6	0	0
29	+0,419	+21,0	−0,76	−0,4	−1	0
Jul. 9	+0,647	+24,4	−0,74	+0,7	−1	−1
19	+0,906	+27,2	−0,62	+1,8	−2	−1
29	+1,191	+29,5	−0,39	+2,7	−2	−2
Aug. 8	+1,495	+31,2	−0,09	+3,3	−3	−2
18	+1,814	+32,3	+0,27	+3,8	−3	−3
28	+2,140	+32,9	+0,66	+4,1	−3	−3
Sept. 7	+2,471	+33,1	+1,08	+4,2	−3	−4
17	+2,802	+32,8	+1,49	+4,1	−3	−4
27	+3,128	+32,3	+1,90	+4,0	−3	−5
Oct. 7	+3,447	+31,4	+2,28	+3,7	−3	−6
17	+3,755	+30,1	+2,64	+3,5	−2	−6
27	+4,048	+28,3	+2,98	+3,4	−2	−6
Nov. 6	+4,321	+26,1	+3,32	+3,4	−2	−7
16	+4,570	+23,4	+3,66	+3,5	−1	−7
26	+4,789	+20,2	+4,02	+3,7	0	−7
Dec. 6	+4,973	+16,4	+4,40	+3,9	0	−8
16	+5,116	+12,1	+4,80	+4,1	+1	−8
26	+5,214	+ 7,4	+5,21	+4,2	+2	−8
36	+5,263	+ 2,4	+5,64	+4,2	+3	−8

	A. R. med.			Decl. med.		
	h	′	″	°	′	″
1790	5	13	1,6828	+28	24	46,604
1791		13	5,4654		24	50,475
1792		13	9,2481		24	54,341
1793		13	13,0309		24	58,202
1794		13	16,8138		25	2,057
1795		13	20,5969		25	5,908
1796		13	24,3800		25	9,753
1797		13	28,1632		25	13,592
1798		13	31,9465		25	17,426
1799		13	35,7299		25	21,254
1800		13	39,5132		25	25,076
1801		13	43,2967		25	28,894
1802		13	47,0803		25	32,706
1803		13	50,8640		25	36,513
1804		13	54,6478		25	40,314
1805		13	58,4317		25	44,110
1806		14	2,2157		25	47,901
1807		14	5,9998		25	51,686
1808		14	9,7840		25	55,466
1809		14	13,5682		25	59,240
1810		14	17,3525		26	3,008

Diei reducto addendum est:

ante } Jun. 9 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Orionis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	5 43 49,201	+ 7 21 4,75	1800	Jan. 0	5 44 20,253	+ 7 21 31,60
	Apr. 10	49,129	4,12		Apr. 10	20,338	32,04
	Jul. 19	49,052	3,56		Jul. 19	20,426	32,42
	Oct. 27	48,968	3,05		Oct. 27	20,517	32,73
	Dec. 66	48,879	2,61		Dec. 66	20,612	32,97
1791	Jan. 0	5 43 52,154	+ 7 21 4,16	1801	Jan. 0	5 44 23,824	+ 7 21 34,26
	Apr. 10	52,061	3,76		Apr. 10	23,920	34,46
	Jul. 19	51,966	3,43		Jul. 19	24,017	34,58
	Oct. 27	51,868	3,18		Oct. 27	24,114	34,63
	Dec. 66	51,767	3,01		Dec. 66	24,211	34,61
1792	Jan. 1	5 43 55,045	+ 7 21 4,46	1802	Jan. 0	5 44 27,423	+ 7 21 35,98
	Apr. 10	54,943	4,33		Apr. 10	27,520	35,91
	Jul. 19	54,841	4,29		Jul. 19	27,615	35,77
	Oct. 27	54,740	4,32		Oct. 27	27,708	35,55
	Dec. 66	54,639	4,43		Dec. 66	27,798	35,27
1793	Jan. 0	5 43 57,916	+ 7 21 5,78	1803	Jan. 0	5 44 31,012	+ 7 21 36,72
	Apr. 10	57,817	5,95		Apr. 10	31,100	36,39
	Jul. 19	57,721	6,19		Jul. 19	31,183	35,99
	Oct. 27	57,629	6,50		Oct. 27	31,261	35,53
	Dec. 66	57,540	6,89		Dec. 66	31,335	35,01
1794	Jan. 0	5 44 0,814	+ 7 21 8,15	1804	Jan. 1	5 44 34,555	+ 7 21 36,54
	Apr. 10	0,728	8,58		Apr. 10	34,625	35,98
	Jul. 19	0,650	9,07		Jul. 19	34,687	35,38
	Oct. 27	0,577	9,63		Oct. 27	34,742	34,72
	Dec. 66	0,512	10,24		Dec. 66	34,790	34,02
1795	Jan. 0	5 44 3,778	+ 7 21 11,42	1805	Jan. 0	5 44 38,019	+ 7 21 35,60
	Apr. 10	3,717	12,07		Apr. 10	38,062	34,87
	Jul. 19	3,665	12,76		Jul. 19	38,096	34,12
	Oct. 27	3,621	13,48		Oct. 27	38,122	33,34
	Dec. 66	3,586	14,25		Dec. 66	38,139	32,53
1796	Jan. 1	5 44 6,841	+ 7 21 15,38	1806	Jan. 0	5 44 41,379	+ 7 21 34,13
	Apr. 10	6,811	16,16		Apr. 10	41,390	33,31
	Jul. 19	6,791	16,96		Jul. 19	41,391	32,49
	Oct. 27	6,780	17,77		Oct. 27	41,384	31,67
	Dec. 66	6,778	18,60		Dec. 66	41,367	30,84
1797	Jan. 0	5 44 10,022	+ 7 21 19,71	1807	Jan. 0	5 44 44,618	+ 7 21 32,45
	Apr. 10	10,026	20,54		Apr. 10	44,595	31,63
	Jul. 19	10,040	21,35		Jul. 19	44,564	30,83
	Oct. 27	10,062	22,16		Oct. 27	44,523	30,06
	Dec. 66	10,093	22,96		Dec. 66	44,474	29,31
1798	Jan. 0	5 44 13,326	+ 7 21 24,07	1808	Jan. 1	5 44 47,736	+ 7 21 30,89
	Apr. 10	13,363	24,85		Apr. 10	47,682	30,17
	Jul. 19	13,408	25,59		Jul. 19	47,619	29,49
	Oct. 27	13,460	26,30		Oct. 27	47,550	28,86
	Dec. 66	13,520	26,98		Dec. 66	47,478	28,28
1799	Jan. 0	5 44 16,743	+ 7 21 28,13	1809	Jan. 0	5 44 50,744	+ 7 21 29,79
	Apr. 10	16,807	28,78		Apr. 10	50,663	28,25
	Jul. 19	16,878	29,37		Jul. 19	50,577	28,77
	Oct. 27	16,954	29,91		Oct. 27	50,486	28,36
	Dec. 66	17,036	30,39		Dec. 66	50,391	28,02

Tabulae X. Sect. III. *α Orionis.*

	1800		1800		Var. 10 annor.	
	″		″			
Jan. 0	+1,350	+ 6,3	−1,29	− 8,7	+1	−1
10	+1,390	+ 1,7	−2,11	− 7,7	+1	−1
20	+1,384	− 2,9	−2,83	− 6,6	+2	−1
30	+1,333	− 7,2	−3,43	− 5,5	+2	−1
Febr. 9	+1,241	−10,9	−3,92	− 4,3	+3	−1
19	+1,115	−13,9	−4,28	− 3,1	+3	−1
Mart. 1	+0,963	−16,1	−4,54	− 2,1	+3	−1
11	+0,793	−17,3	−4,70	− 1,1	+3	−1
21	+0,617	−17,5	−4,75	− 0,1	+3	−1
31	+0,445	−16,5	−4,71	+ 1,0	+3	−1
Apr. 10	+0,288	−14,6	−4,56	+ 2,0	+3	−1
20	+0,154	−11,9	−4,31	+ 3,1	+3	−1
30	+0,050	− 8,5	−3,95	+ 4,2	+2	−1
Maj. 10	−0,016	− 4,6	−3,47	+ 5,4	+2	−1
20	−0,042	− 0,5	−2,87	+ 6,6	+1	−1
30	−0,026	+ 3,8	−2,16	+ 7,4	+1	−1
Jun. 9	+0,033	+ 8,0	−1,34	+ 8,7	+1	−1
19	+0,133	+11,9	−0,42	+ 9,6	0	−2
29	+0,271	+15,5	+0,57	+10,2	0	−2
Jul. 9	+0,443	+18,8	+1,61	+10,5	−1	−2
19	+0,646	+21,6	+2,67	+10,5	−1	−2
29	+0,874	+23,9	+3,70	+10,0	−2	−2
Aug. 8	+1,124	+25,7	+4,67	+ 9,2	−2	−3
18	+1,338	+27,1	+5,53	+ 7,9	−2	−3
28	+1,666	+28,2	+6,24	+ 6,3	−2	−3
Sept. 7	+1,951	+28,8	+6,78	+ 4,3	−3	−3
17	+2,241	+29,1	+7,10	+ 2,1	−3	−4
27	+2,532	+29,0	+7,20	− 0,2	−3	−4
Oct. 7	+2,821	+28,6	+7,07	− 2,4	−3	−4
17	+3,104	+27,8	+6,72	− 4,6	−2	−4
27	+3,377	+23,7	+6,16	− 6,5	−2	−4
Nov. 6	+3,637	+25,1	+5,43	− 8,0	−2	−4
16	+3,878	+22,9	+4,56	− 9,2	−1	−5
26	+4,095	+20,3	+3,60	− 9,8	−1	−5
Dec. 6	+4,283	+17,1	+2,60	−10,0	0	−5
16	+4,435	+13,3	+1,60	− 9,8	0	−5
26	+4,547	+ 9,0	+0,64	− 9,3	+1	−5
36	+4,615	+ 4,6	−0,25	− 8,4	+1	−5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	5 43 48,3959	+ 7 21 10,532
1791	43 51,6402	21 11,939
1792	43 54,8845	21 13,342
1793	43 58,1288	21 14,740
1794	44 1,3731	21 16,133
1795	44 4,6175	21 17,520
1796	44 7,8619	21 18,904
1797	44 11,1063	21 20,283
1798	44 14,3508	21 21,657
1799	44 17,5953	21 23,026
1800	44 20,8398	21 24,391
1801	44 24,0844	21 25,751
1802	44 27,3290	21 27,106
1803	44 30,5736	21 28,456
1804	44 33,8183	21 29,802
1805	44 37,0629	21 31,143
1806	44 40,3076	21 32,479
1807	44 43,5523	21 33,811
1808	44 46,7971	21 35,138
1809	44 50,0419	21 36,460
1810	44 53,2868	21 37,777

Diei reducto addendum est:

ante } Jun. 17 { + 1
post } Jun. 17 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Canis majoris.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	6 35 54,190	—16 26 31,23	1800	Jan. 0	6 36 19,442	—16 27 0,31
	Apr. 10	54,132	31,74		Apr. 10	19,511	26 59,98
	Jul. 19	54,069	32,19		Jul. 19	19,583	59,74
	Oct. 27	54,002	32,57		Oct. 27	19,658	59,56
	Dec. 66	53,929	32,89		Dec. 66	19,736	59,45
1791	Jan. 0	6 35 56,597	—16 26 37,16	1801	Jan. 0	6 36 22,353	—16 27 3,89
	Apr. 10	56,522	37,43		Apr. 10	22,432	3,83
	Jul. 19	56,444	37,62		Jul. 19	22,512	3,84
	Oct. 27	56,363	37,73		Oct. 27	22,592	3,92
	Dec. 66	56,280	37,76		Dec. 66	22,673	4,08
1792	Jan. 1	6 35 58,952	—16 26 42,14	1802	Jan. 0	6 36 25,290	—16 27 8,44
	Apr. 10	58,867	42,12		Apr. 10	25,371	8,64
	Jul. 19	58,783	42,02		Jul. 19	25,450	8,91
	Oct. 27	58,699	41,84		Oct. 27	25,527	9,25
	Dec. 66	58,615	41,59		Dec. 66	25,602	9,66
1793	Jan. 0	6 36 1,287	—16 26 46,06	1803	Jan. 0	6 36 28,221	—16 27 13,93
	Apr. 10	1,204	45,76		Apr. 10	28,295	14,38
	Jul. 19	1,124	45,39		Jul. 19	28,365	14,89
	Oct. 27	1,047	44,95		Oct. 27	28,431	15,45
	Dec. 66	0,972	44,45		Dec. 66	28,493	16,07
1794	Jan. 0	6 36 3,641	—16 26 49,01	1804	Jan. 1	6 36 31,116	—16 27 20,27
	Apr. 10	3,569	48,46		Apr. 10	31,175	20,92
	Jul. 19	3,503	47,86		Jul. 19	31,228	21,61
	Oct. 27	3,442	47,21		Oct. 27	31,275	22,33
	Dec. 66	3,386	46,51		Dec. 66	31,317	23,09
1795	Jan. 0	6 36 6,048	—16 26 51,14	1805	Jan. 0	6 36 33,948	—16 27 27,26
	Apr. 10	5,996	50,41		Apr. 10	33,986	28,04
	Jul. 19	5,951	49,66		Jul. 19	34,016	28,83
	Oct. 27	5,913	48,88		Oct. 27	34,039	29,64
	Dec. 66	5,881	48,07		Dec. 66	34,055	30,46
1796	Jan. 1	6 36 8,535	—16 26 52,73	1806	Jan. 0	6 36 36,694	—16 27 34,62
	Apr. 10	8,509	51,91		Apr. 10	36,705	35,44
	Jul. 19	8,490	51,09		Jul. 19	36,709	36,26
	Oct. 27	8,479	50,27		Oct. 27	36,705	37,06
	Dec. 66	8,475	49,44		Dec. 66	36,693	37,85
1797	Jan. 0	6 36 11,119	—16 26 54,11	1807	Jan. 0	6 36 39,342	—16 27 42,02
	Apr. 10	11,120	53,30		Apr. 10	39,325	42,80
	Jul. 19	11,129	52,51		Jul. 19	39,301	43,54
	Oct. 27	11,145	51,74		Oct. 27	39,269	44,25
	Dec. 66	11,169	51,00		Dec. 66	39,231	44,92
1798	Jan. 0	6 36 13,805	—16 26 55,64	1808	Jan. 1	6 36 41,888	—16 27 49,14
	Apr. 10	13,833	54,92		Apr. 10	41,845	49,78
	Jul. 19	13,863	54,25		Jul. 19	41,795	50,36
	Oct. 27	13,909	53,62		Oct. 27	41,739	50,88
	Dec. 66	13,957	53,03		Dec. 66	41,677	51,35
1799	Jan. 0	6 36 16,585	—16 26 57,62	1809	Jau. 0	6 36 44,342	—16 27 55,64
	Apr. 10	16,637	57,07		Apr. 10	44,277	56,07
	Jul. 19	16,693	56,59		Jul. 19	44,207	56,42
	Oct. 27	16,755	56,16		Oct. 27	44,133	56,70
	Dec. 66	16,821	55,79		Dec. 66	44,056	56,90

Tabulae X. Sect. III. α *Canis majoris.*

	1800		1800		Var. 10 annor.	
Jan. 0	+1″,426	+ 9,1	− 1″,81	−23,7	0	+1
10	+1,493	+ 4,3	− 4,13	−22,3	+1	+1
20	+1,511	− 0,7	− 6,26	−20,2	+1	+1
30	+1,480	− 5,4	− 8,16	−17,8	+1	0
Febr. 9	+1,404	− 9,7	− 9,81	−15,0	+2	0
19	+1,287	−13,3	−11,16	−12,0	+2	0
Mart. 1	+1,138	−16,2	−12,20	− 8,9	+2	0
11	+0,964	−18,2	−12,93	− 5,7	+2	−1
21	+0,775	−19,1	−13,33	− 2,5	+3	−1
31	+0,582	−19,0	−13,42	+ 0,7	+2	−1
Apr. 10	+0,395	−18,0	−13,20	+ 3,8	+2	−1
20	+0,222	−16,1	−12,67	+ 6,7	+2	−2
30	+0,073	−13,5	−11,86	+ 9,5	+2	−2
Maj. 10	−0,047	−10,3	−10,77	+12,2	+2	−2
20	−0,133	− 6,8	− 9,42	+14,6	+2	−2
30	−0,182	− 2,9	− 7,86	+16,6	+1	−3
Jun. 9	−0,191	+ 1,1	− 6,10	+18,4	+1	−3
19	−0,160	+ 5,0	− 4,19	+19,6	0	−3
29	−0,091	+ 8,8	− 2,18	+20,4	0	−3
Jul. 9	+0,015	+12,3	− 0,12	+20,5	0	−3
19	+0,155	+15,5	+ 1,92	+20,0	−1	−3
29	+0,325	+18,4	+ 3,88	+18,9	−1	−3
Aug. 8	+0,523	+21,1	+ 5,69	+17,0	−1	−3
18	+0,746	+23,3	+ 7,28	+14,5	−2	−3
28	+0,988	+25,1	+ 8,59	+11,4	−2	−3
Sept. 7	+1,248	+26,7	+ 9,56	+ 7,7	−2	−3
17	+1,522	+27,9	+10,13	+ 3,6	−2	−3
27	+1,805	+28,7	+10,28	− 0,8	−2	−3
Oct. 7	+2,095	+29,1	+ 9,98	− 5,2	−2	−3
17	+2,386	+29,0	+ 9,24	− 9,5	−2	−2
27	+2,674	+28,4	+ 8,08	−13,6	−2	−2
Nov. 6	+2,954	+27,3	+ 6,52	−17,3	−2	−2
16	+3,220	+25,5	+ 4,63	−20,2	−2	−2
26	+3,464	+23,1	+ 2,48	−22,4	−1	−2
Dec. 6	+3,681	+20,0	+ 0,15	−23,8	−1	−2
16	+3,863	+16,2	− 2,28	−24,4	−1	−2
26	+4,004	+11,9	− 4,73	−24,2	0	−2
36	+4,101	+ 7,3	− 7,11	−23,3	0	−3

	A. R. med.	Decl. med.
1790	6ʰ 35′ 53″,5080	−16° 26′ 24″,378
1791	35 56,1519	26 28,748
1792	35 58,7959	26 33,123
1793	36 1,4398	26 37,501
1794	36 4,0838	26 41,883
1795	36 6,7277	26 46,269
1796	36 9,3716	26 50,658
1797	36 12,0156	26 55,052
1798	36 14,6595	26 59,449
1799	36 17,3035	27 3,850
1800	36 19,9475	27 8,255
1801	36 22,5915	27 12,664
1802	36 25,2355	27 17,076
1803	36 27,8794	27 21,492
1804	36 30,5234	27 25,912
1805	36 33,1674	27 30,336
1806	36 35,8114	27 34,764
1807	36 38,4554	27 39,195
1808	36 41,0994	27 43,631
1809	36 43,7434	27 48,070
1810	36 46,3874	27 52,512

Diei reducto addendum est:

ante	Jun. 29	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Geminorum.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	7 21 11,133	+32 19 46,91	1800	Jan. 0	7 21 48,151	+32 18 52,06
	Apr. 10	11,039	46,51		Apr. 10	48,259	52,26
	Jul. 19	10,938	46,18		Jul. 19	48,369	52,39
	Oct. 27	10,831	45,92		Oct. 27	48,482	52,45
	Dec. 66	10,718	45,73		Dec. 66	48,598	52,43
1791	Jan. 0	7 21 14,604	+32 19 38,75	1801	Jan. 0	7 21 52,405	+32 18 45,36
	Apr. 10	14,488	38,61		Apr. 10	52,522	45,30
	Jul. 19	14,370	38,54		Jul. 19	52,638	45,17
	Oct. 27	14,250	38,56		Oct. 27	52,753	44,97
	Dec. 66	14,127	38,65		Dec. 66	52,868	44,70
1792	Jan. 1	7 21 18,016	+32 19 31,57	1802	Jan. 0	7 21 56,676	+32 18 37,70
	Apr. 10	17,893	31,71		Apr. 10	56,790	37,39
	Jul. 19	17,771	31,93		Jul. 19	56,900	37,01
	Oct. 27	17,652	32,22		Oct. 27	57,006	36,59
	Dec. 66	17,534	32,59		Dec. 66	57,108	36,03
1793	Jan. 0	7 21 21,420	+32 19 25,41	1803	Jan. 0	7 22 0,920	+32 18 29,15
	Apr. 10	21,306	25,82		Apr. 10	1,019	28,62
	Jul. 19	21,195	26,29		Jul. 19	1,111	28,04
	Oct. 27	21,091	26,82		Oct. 27	1,197	27,41
	Dec. 66	20,992	27,41		Dec. 66	1,276	26,73
1794	Jan. 0	7 21 24,871	+32 19 20,16	1804	Jan. 1	7 22 5,096	+32 18 19,86
	Apr. 10	24,777	20,78		Apr. 10	5,169	19,16
	Jul. 19	24,692	21,44		Jul. 19	5,233	18,43
	Oct. 27	24,615	22,14		Oct. 27	5,288	17,68
	Dec. 66	24,546	22,89		Dec. 66	5,334	16,90
1795	Jan. 0	7 21 28,415	+32 19 15,58	1805	Jan. 0	7 22 9,166	+32 18 10,05
	Apr. 10	28,353	16,34		Apr. 10	9,205	9,26
	Jul. 19	28,302	17,12		Jul. 19	9,234	8,47
	Oct. 27	28,261	17,92		Oct. 27	9,252	7,67
	Dec. 66	28,231	18,73		Dec. 66	9,259	6,87
1796	Jan. 1	7 21 32,086	+32 19 11,40	1806	Jan. 0	7 22 13,104	+32 18 0,02
	Apr. 10	32,063	12,21		Apr. 10	13,104	17 59,22
	Jul. 19	32,052	13,01		Jul. 19	13,093	58,45
	Oct. 27	32,051	13,80		Oct. 27	13,071	57,69
	Dec. 66	32,062	14,59		Dec. 66	13,039	56,96
1797	Jan. 0	7 21 35,903	+32 19 7,26	1807	Jan. 0	7 22 16,896	+32 17 50,09
	Apr. 10	35,921	8,03		Apr. 10	16,856	49,38
	Jul. 19	35,950	8,76		Jul. 19	16,806	48,71
	Oct. 27	35,988	9,46		Oct. 27	16,746	48,10
	Dec. 66	36,037	10,13		Dec. 66	16,676	47,52
1798	Jan. 0	7 21 39,866	+32 19 2,84	1808	Jan. 1	7 22 20,546	+32 17 40,58
	Apr. 10	39,922	3,48		Apr. 10	20,470	40,04
	Jul. 19	39,986	4,06		Jul. 19	20,386	39,57
	Oct. 27	40,059	4,60		Oct. 27	20,294	39,16
	Dec. 66	40,140	5,08		Dec. 66	20,194	38,81
1799	Jan. 0	7 21 43,958	+32 18 57,85	1809	Jan. 0	7 22 24,073	+32 17 31,78
	Apr. 10	44,044	58,29		Apr. 10	23,969	31,48
	Jul. 19	44,137	58,66		Jul. 19	23,860	31,26
	Oct. 27	44,236	58,97		Oct. 27	23,746	31,11
	Dec. 66	44,341	59,22		Dec. 66	23,627	31,03

Tabulae X. Sect. III. *α Geminorum.*

	1800		1800		Var. 10 annor.	
Jan. 0	+1,582″	+18,5	−3,88″	+3,5	−1	−3
10	+1,740	+13,0	−3,44	+5,2	−1	−3
20	+1,842	+7,3	−2,85	+6,5	0	−3
30	+1,885	+1,4	−2,15	+7,4	+1	−4
Febr. 9	+1,870	−4,2	−1,37	+7,9	+1	−4
19	+1,802	−9,2	−0,57	+7,9	+2	−4
Mart. 1	+1,686	−13,5	+0,21	+7,4	+3	−3
11	+1,533	−16,7	+0,91	+6,5	+3	−3
21	+1,353	−18,7	+1,50	+5,2	+3	−3
31	+1,159	−19,5	+1,95	+3,7	+4	−2
Apr. 10	+0,963	−19,2	+2,23	+2,0	+4	−2
20	+0,775	−17,8	+2,35	+0,4	+4	−2
30	+0,607	−15,8	+2,30	−1,3	+4	−1
Maj. 10	+0,467	−12,3	+2,09	−2,8	+3	−1
20	+0,362	−8,6	+1,75	−4,1	+3	−1
30	+0,296	−4,5	+1,28	−5,1	+3	0
Jun. 9	+0,273	−0,2	+0,73	−5,9	+2	0
19	+0,293	+4,1	+0,10	−6,5	+1	0
29	+0,355	+8,3	−0,57	−6,9	+1	0
Jul. 9	+0,458	+12,2	−1,28	−7,2	0	0
19	+0,599	+15,9	−2,01	−7,4	−1	0
29	+0,775	+19,3	−2,75	−7,5	−1	0
Aug. 8	+0,984	+22,3	−3,50	−7,5	−2	0
18	+1,221	+25,0	−4,25	−7,6	−3	−1
28	+1,483	+27,4	−5,02	−7,7	−3	−1
Sept. 7	+1,769	+29,6	−5,79	−7,7	−4	−1
17	+2,074	+31,4	−6,56	−7,8	−4	−2
27	+2,396	+33,0	−7,34	−7,7	−5	−2
Oct. 7	+2,733	+34,2	−8,10	−7,5	−5	−3
17	+3,080	+35,0	−8,84	−7,2	−5	−4
27	+3,433	+35,4	−9,53	−6,6	−5	−4
Nov. 6	+3,787	+35,1	−10,15	−5,7	−5	−5
16	+4,135	+34,1	−10,66	−4,5	−5	−6
26	+4,469	+32,3	−11,04	−3,0	−5	−6
Dec. 6	+4,781	+29,6	−11,26	−1,3	−4	−7
16	+5,061	+26,1	−11,30	+0,6	−4	−7
26	+5,302	+21,7	−11,15	+2,4	−3	−8
36	+5,495	+16,5	−10,82	+4,1	−2	−8

	A. R. med.	Decl. med.
1790	7h 21′ 10″,2681	+32° 19′ 54″,394
1791	21 14,1154	19 47,359
1792	21 17,9625	19 40,319
1793	21 21,8095	19 33,273
1794	21 25,6564	19 26,222
1795	21 29,5032	19 19,166
1796	21 33,3498	19 12,105
1797	21 37,1963	19 5,038
1798	21 41,0427	18 57,966
1799	21 44,8890	18 50,889
1800	21 48,7351	18 43,806
1801	21 52,5811	18 36,718
1802	21 56,4270	18 29,625
1803	22 0,2728	18 22,527
1804	22 4,1184	18 15,423
1805	22 7,9639	18 8,314
1806	22 11,8093	18 1,200
1807	22 15,6546	17 54,081
1808	22 19,4997	17 46,956
1809	22 23,3447	17 39,826
1810	22 27,1896	17 32,691

Diei reducto addendum est:

ante } Jul. 10 { + 1
post } Jul. 10 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Canis minoris.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	7 28 18,776	+ 5 44 52,97	1800	Jan. 0	7 28 48,929	+ 5 43 42,49
	Apr. 10	18,703	52,59		Apr. 10	49,014	42,67
	Jul. 19	18,625	52,27		Jul. 19	49,101	42,78
	Oct. 27	18,541	52,04		Oct. 27	49,192	42,84
	Dec. 66	18,452	51,87		Dec. 66	49,286	42,78
1791	Jan. 0	7 28 21,631	+ 5 44 43,30	1801	Jan. 0	7 28 52,403	+ 5 43 34,15
	Apr. 10	21,538	43,18		Apr. 10	52,498	34,07
	Jul. 19	21,443	43,14		Jul. 19	52,593	33,92
	Oct. 27	21,346	43,18		Oct. 27	52,689	33,70
	Dec. 66	21,246	43,29		Dec. 66	52,785	33,42
1792	Jan. 1	7 28 24,428	+ 5 44 34,63	1802	Jan. 0	7 28 55,900	+ 5 43 24,86
	Apr. 10	24,327	34,79		Apr. 10	55,995	24,53
	Jul. 19	24,226	35,02		Jul. 19	56,088	24,14
	Oct. 27	24,127	35,33		Oct. 27	56,179	23,69
	Dec. 66	24,028	35,71		Dec. 66	56,267	23,18
1793	Jan. 0	7 28 27,209	+ 5 44 26,95	1803	Jan. 0	7 28 59,386	+ 5 43 14,70
	Apr. 10	27,112	27,38		Apr. 10	59,471	14,15
	Jul. 19	27,018	27,86		Jul. 19	59,551	13,56
	Oct. 27	26,929	28,40		Oct 27	59,626	12,92
	Dec. 66	26,843	29,00		Dec. 66	59,697	12,24
1794	Jan. 0	7 28 30,019	+ 5 44 20,17	1804	Jan. 1	7 29 2,822	+ 5 43 3,81
	Apr. 10	29,937	20,80		Apr. 10	2,889	3,10
	Jul. 19	29,861	21,48		Jul. 19	2,948	2,37
	Oct. 27	29,792	22,19		Oct. 27	3,000	1,61
	Dec. 66	29,729	22,94		Dec. 66	3,045	0,83
1795	Jan. 0	7 28 32,897	+ 5 44 14,05	1805	Jan. 0	7 29 6,179	+ 5 42 52,42
	Apr. 10	32,840	14,82		Apr. 10	6,219	51,63
	Jul. 19	32,791	15,60		Jul. 19	6,250	50,84
	Oct. 27	32,750	16,39		Oct. 27	6,273	50,05
	Dec. 66	32,717	17,20		Dec. 66	6,287	49,25
1796	Jan. 1	7 28 35,876	+ 5 44 8,30	1806	Jan. 0	7 29 9,431	+ 5 42 40,84
	Apr. 10	35,849	9,11		Apr. 10	9,439	40,05
	Jul. 19	35,832	9,90		Jul. 19	9,438	39,29
	Oct. 27	35,823	10,69		Oct. 27	9,428	38,55
	Dec. 66	35,824	11,46		Dec. 66	9,409	37,83
1797	Jan. 0	7 28 38,971	+ 5 44 2,57	1807	Jan. 0	7 29 12,564	+ 5 42 29,38
	Apr. 10	38,978	3,33		Apr. 10	12,539	29,69
	Jul. 19	38,993	4,05		Jul. 19	12,505	28,04
	Oct. 27	39,018	4,74		Oct. 27	12,463	27,44
	Dec. 66	39,051	5,39		Dec. 66	12,412	26,88
1798	Jan. 0	7 28 42,187	+ 5 43 56,53	1808	Jan. 1	7 29 15,578	+ 5 42 18,37
	Apr. 10	42,226	57,15		Apr. 10	15,521	17,85
	Jul. 19	42,272	57,72		Jul. 19	15,458	17,39
	Oct. 27	42,326	58,24		Oct. 27	15,388	17,00
	Dec. 66	42,387	58,70		Dec. 66	15,311	16,67
1799	Jan. 0	7 28 45,513	+ 5 43 49,91	1809	Jan. 0	7 29 18,485	+ 5 42 8,09
	Apr. 10	45,579	50,33		Apr. 10	18,403	7,81
	Jul. 19	45,650	50,69		Jul. 19	18,317	7,60
	Oct. 27	45,727	50,98		Oct. 27	18,227	7,47
	Dec. 66	45,809	51,21		Dec. 66	18,132	7,41

Tabulae X. Sect. III. *α Canis minoris.*

	1800		1800		Var. 10 annor.	
Jan. 0	+1,339″	+15,9	− 2,36″	−13,2	−1	0
10	+1,476	+11,3	− 3,61	−11,8	0	0
20	+1,564	+ 6,3	− 4,71	−10,1	0	−1
30	+1,602	+ 1,4	− 5,63	− 8,3	+1	−1
Febr. 9	+1,591	− 3,5	− 6,37	− 6,5	+1	−1
19	+1,533	− 7,8	− 6,93	− 4,7	+2	−1
Mart. 1	+1,436	−11,4	− 7,31	− 3,1	+2	−2
11	+1,306	−14,1	− 7,55	− 1,7	+2	−2
21	+1,154	−15,9	− 7,65	− 0,4	+3	−2
31	+0,989	−16,7	− 7,62	+ 0,8	+3	−2
Apr. 10	+0,821	−16,4	− 7,49	+ 1,9	+3	−2
20	+0,661	−15,3	− 7,25	+ 2,8	+3	−2
30	+0,515	−13,4	− 6,93	+ 3,7	+3	−2
Maj. 10	+0,393	−10,8	− 6,51	+ 4,6	+2	−2
20	+0,299	− 7,8	− 6,01	+ 5,4	+2	−2
30	+0,237	− 4,5	− 5,44	+ 6,1	+2	−2
Jun. 9	+0,209	− 1,1	− 4,79	+ 6,8	+1	−2
19	+0,216	+ 2,5	− 4,08	+ 7,3	+1	−2
29	+0,259	+ 6,0	− 3,33	+ 7,6	+1	−2
Jul. 9	+0,336	+ 9,3	− 2,56	+ 7,7	0	−2
19	+0,444	+12,3	− 1,79	+ 7,5	0	−2
29	+0,582	+15,2	− 1,07	+ 6,9	−1	−2
Aug. 8	+0,748	+17,8	− 0,41	+ 6,0	−1	−2
18	+0,938	+20,2	+ 0,12	+ 4,6	−2	−2
28	+1,151	+22,4	+ 0,51	+ 3,0	−2	−2
Sept. 7	+1,385	+24,3	+ 0,71	+ 1,0	−2	−2
17	+1,637	+26,1	+ 0,70	− 1,3	−3	−2
27	+1,906	+27,6	+ 0,45	− 3,8	−3	−2
Oct. 7	+2,188	+28,8	− 0,05	− 6,3	−3	−2
17	+2,481	+29,6	− 0,80	− 8,6	−3	−3
27	+2,780	+30,0	− 1,77	−10,8	−3	−3
Nov. 6	+3,081	+29,9	− 2,95	−12,6	−3	−3
16	+3,378	+29,2	− 4,28	−13,9	−3	−3
26	+3,665	+27,7	− 5,73	−14,8	−3	−3
Dec. 6	+3,932	+25,4	− 7,23	−15,0	−2	−4
16	+4,173	+22,4	− 8,72	−14,7	−2	−4
26	+4,380	+18,6	−10,16	−13,9	−2	−4
36	+4,544	+14,2	−11,50	−12,7	−1	−5

	A. R. med.	Decl. med.
1790	7ʰ 28′ 18″,0010	+ 5° 45′ 0″,527
1791	28 21,1495	44 51,915
1792	28 24,2979	44 43,298
1793	28 27,4463	44 34,677
1794	28 30,5947	44 26,052
1795	28 33,7430	44 17,423
1796	28 36,8913	44 8,790
1797	28 40,0395	44 0,152
1798	28 43,1877	43 51,510
1799	28 46,3358	43 42,864
1800	28 49,4839	43 34,213
1801	28 52,6319	43 25,559
1802	28 55,7799	43 16,901
1803	28 58,9279	43 8,238
1804	29 2,0758	42 59,571
1805	29 5,2237	42 50,899
1806	29 8,3715	42 42,224
1807	29 11,5193	42 33,544
1808	29 14,6670	42 24,860
1809	29 17,8147	42 16,172
1810	29 20,9624	42 7,480

Diei reducto addendum est:

ante } Jul. 12 { + 1
post } Jul. 12 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *β Geminorum.*

1790	Jan. 0	7h 32′ 27″,430	+28° 30′ 58″,33	1800	Jan. 0	7h 33′ 2″,916	+28° 29′ 54″,57
	Apr. 10	27,338	57,96		Apr. 10	3,020	54,74
	Jul. 19	27,241	57,66		Jul. 19	3,126	54,84
	Oct. 27	27,137	57,43		Oct. 27	3,236	54,86
	Dec. 66	27,028	57,27		Dec. 66	3,348	54,82
1791	Jan. 0	7 32 30,755	+28 30 49,38	1801	Jan. 0	7 33 6,998	+28 29 46,85
	Apr. 10	30,643	49,27		Apr. 10	7,111	46,76
	Jul. 19	30,529	49,24		Jul. 19	7,224	46,60
	Oct. 27	30,412	49,29		Oct. 27	7,336	46,37
	Dec. 66	30,294	49,41		Dec. 66	7,447	46,08
1792	Jan. 1	7 32 34,022	+28 30 41,41	1802	Jan. 0	7 33 11,098	+28 29 38,19
	Apr. 10	33,903	41,59		Apr. 10	11,208	37,85
	Jul. 19	33,786	41,84		Jul. 19	11,314	37,45
	Oct. 27	33,670	42,15		Oct. 27	11,417	37,00
	Dec. 66	33,556	42,54		Dec. 66	11,516	36,48
1793	Jan. 0	7 32 37,283	+28 30 34,45	1803	Jan. 0	7 33 15,171	+28 29 28,66
	Apr. 10	37,171	34,89		Apr. 10	15,267	28,11
	Jul. 19	37,065	35,38		Jul. 19	15,356	27,51
	Oct. 27	36,964	35,93		Oct. 27	15,439	26,87
	Dec. 66	36,869	36,53		Dec. 66	15,515	26,18
1794	Jan. 0	7 32 40,589	+28 30 28,37	1804	Jan. 1	7 33 19,178	+28 29 18,41
	Apr. 10	40,498	29,01		Apr. 10	19,249	17,70
	Jul. 19	40,415	29,68		Jul. 19	19,311	16,97
	Oct. 27	40,341	30,40		Oct. 27	19,364	16,21
	Dec. 66	40,275	31,15		Dec. 66	19,409	15,43
1795	Jan. 0	7 32 43,985	+28 30 22,93	1805	Jan. 0	7 33 23,082	+28 29 7,68
	Apr. 10	43,925	23,70		Apr. 10	23,120	6,89
	Jul. 19	43,875	24,48		Jul. 19	23,148	6,10
	Oct. 27	43,836	25,27		Oct. 27	23,166	5,31
	Dec. 66	43,807	26,08		Dec. 66	23,173	4,52
1796	Jan. 1	7 32 47,504	+28 30 17,84	1806	Jan. 0	7 33 26,859	+28 28 56,77
	Apr. 10	47,482	18,65		Apr. 10	26,859	55,99
	Jul. 19	47,471	19,44		Jul. 19	26,849	55,23
	Oct. 27	47,471	20,22		Oct. 27	26,828	54,49
	Dec. 66	47,481	20,99		Dec. 66	26,796	53,78
1797	Jan. 0	7 32 51,164	+28 30 12,76	1807	Jan. 0	7 33 30,495	+28 28 45,99
	Apr. 10	51,182	13,51		Apr. 10	30,456	45,30
	Jul. 19	51,209	14,23		Jul. 19	30,408	44,66
	Oct. 27	51,247	14,91		Oct. 27	30,349	44,06
	Dec. 66	51,294	15,55		Dec. 66	30,283	43,52
1798	Jan. 0	7 32 54,966	+28 30 7,37	1808	Jan. 1	7 33 33,994	+28 28 35,67
	Apr. 10	55,020	7,98		Apr. 10	33,920	35,16
	Jul. 19	55,082	8,54		Jul. 19	33,838	34,72
	Oct. 27	55,152	9,05		Oct. 27	33,749	34,34
	Dec. 66	55,231	9,50		Dec. 66	33,652	34,02
1799	Jan. 0	7 32 58,892	+28 30 1,37	1809	Jan. 0	7 33 37,373	+28 28 26,09
	Apr. 10	58,976	1,78		Apr. 10	37,272	25,82
	Jul. 19	59,065	2,13		Jul. 19	37,166	25,62
	Oct. 27	59,161	2,41		Oct. 27	37,056	25,50
	Dec. 66	59,262	2,62		Dec. 66	36,941	25,46

Tabulae X. Sect. III. *β Geminorum.*

	1800		1800		Var. 10 annor.	
Jan. 0	+1,504″	+19,0	− 4,15″	+ 0,7	−1	−2
10	+1,669	+13,8	− 3,98	+ 2,5	−1	−3
20	+1,780	+ 8,2	− 3,66	+ 4,0	0	−3
30	+1,833	+ 2,5	− 3,19	+ 5,2	+1	−3
Febr. 9	+1,830	− 3,0	− 2,62	+ 6,1	+1	−3
19	+1,774	− 8,0	− 1,98	+ 6,5	+2	−3
Mart. 1	+1,671	−12,2	− 1,33	+ 6,4	+2	−3
11	+1,531	−15,4	− 0,70	+ 6,0	+3	−3
21	+1,364	−17,6	− 0,14	+ 5,1	+3	−3
31	+1,180	−18,6	+ 0,31	+ 4,0	+3	−2
Apr. 10	+0,993	−18,4	+ 0,65	+ 2,8	+4	−2
20	+0,812	−17,3	+ 0,86	+ 1,4	+4	−2
30	+0,648	−15,2	+ 0,93	+ 0,1	+3	−1
Maj. 10	+0,509	−12,3	+ 0,88	− 1,1	+3	−1
20	+0,402	− 8,9	+ 0,71	− 2,3	+3	−1
30	+0,331	− 5,2	+ 0,43	− 3,2	+2	−1
Jun. 9	+0,299	− 1,2	+ 0,08	− 3,9	+2	0
19	+0,308	+ 2,9	− 0,34	− 4,5	+1	0
29	+0,356	+ 6,8	− 0,81	− 4,9	+1	0
Jul. 9	+0,444	+10,6	− 1,32	− 5,3	0	0
19	+0,568	+14,1	− 1,86	− 5,6	0	0
29	+0,726	+17,4	− 2,43	− 5,9	−1	0
Aug. 8	+0,915	+20,3	− 3,03	− 6,2	−2	0
18	+1,132	+23,0	− 3,66	− 6,5	−2	−1
28	+1,375	+25,4	− 4,33	− 6,9	−3	−1
Sept. 7	+1,640	+27,6	− 5,04	− 7,3	−3	−1
17	+1,926	+29,6	− 5,79	− 7,7	−4	−2
27	+2,231	+31,3	− 6,58	− 8,1	−4	−2
Oct. 7	+2,551	+32,6	− 7,40	− 8,3	−5	−3
17	+2,883	+33,6	− 8,24	− 8,4	−5	−3
27	+3,223	+34,2	− 9,07	− 8,1	−5	−4
Nov. 6	+3,566	+34,1	− 9,86	− 7,6	−5	−4
16	+3,905	+33,4	−10,58	− 6,7	−5	−5
26	+4,233	+31,9	−11,20	− 5,6	−4	−5
Dec. 6	+4,542	+29,4	−11,69	− 4,1	−4	−6
16	+4,821	+26,1	−12,01	− 2,3	−4	−7
26	+5,064	+22,0	−12,15	− 0,5	−3	−7
36	+5,260	+17,1	−12,10	+ 1,4	−2	−7

	A. R. med.	Decl. med.
1790	7ʰ 32′ 26″,5932	+28° 31′ 5″,930
1791	32 30,2825	30 57,988
1792	32 33,9716	30 50,041
1793	32 37,6606	30 42,089
1794	32 41,3495	30 34,133
1795	32 45,0383	30 26,172
1796	32 48,7270	30 18,205
1797	32 52,4155	30 10,234
1798	32 56,1039	30 2,258
1799	32 59,7922	29 54,277
1800	33 3,4804	29 46,291
1801	33 7,1684	29 38,300
1802	33 10,8563	29 30,304
1803	33 14,5441	29 22,303
1804	33 18,2318	29 14,297
1805	33 21,9194	29 6,287
1806	33 25,6068	28 58,272
1807	33 29,2941	28 50,252
1808	33 32,9813	28 42,227
1809	33 36,6684	28 34,197
1810	33 40,3554	28 26,161

Diei reducto addendum est:

ante	Jul. 13	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Hydrae.*

		h ′ ″	° ′ ″
1790	Jan. 0	9 17 16,759	— 7 45 32,48
	Apr. 10	16,697	32,53
	Jul. 19	16,629	32,51
	Oct. 27	16,556	32,42
	Dec. 66	16,478	32,27
1791	Jan. 0	9 17 19,452	— 7 45 47,52
	Apr. 10	19,370	47,32
	Jul. 19	19,285	47,06
	Oct. 27	19,197	46,73
	Dec. 66	19,106	46,34
1792	Jan. 1	9 17 22,085	— 7 46 1,68
	Apr. 10	21,992	1,25
	Jul. 19	21,899	0,77
	Oct. 27	21,806	0,25
	Dec. 66	21,714	45 59,67
1793	Jan. 0	9 17 24,692	— 7 46 15,07
	Apr. 10	24,601	14,47
	Jul. 19	24,512	13,84
	Oct. 27	24,426	13,18
	Dec. 66	24,342	12,48
1794	Jan. 0	9 17 27,318	— 7 46 27,92
	Apr. 10	27,237	27,21
	Jul. 19	27,162	26,50
	Oct. 27	27,093	25,78
	Dec. 66	27,029	25,06
1795	Jan. 0	9 17 29,997	— 7 46 40,51
	Apr. 10	29,938	39,79
	Jul. 19	29,886	39,08
	Oct. 27	29,841	38,39
	Dec. 66	29,804	37,71
1796	Jan. 1	9 17 32,763	— 7 46 53,14
	Apr. 10	32,731	52,49
	Jul. 19	32,708	51,87
	Oct. 27	32,693	51,28
	Dec. 66	32,686	50,73
1797	Jan. 0	9 17 35,635	— 7 47 6,12
	Apr. 10	35,634	5,61
	Jul. 19	35,641	5,14
	Oct. 27	35,656	4,73
	Dec. 66	35,679	4,36
1798	Jan. 0	9 17 38,618	— 7 47 19,69
	Apr. 10	38,647	19,35
	Jul. 19	38,683	19,08
	Oct. 27	38,726	18,89
	Dec. 66	38,776	18,76
1799	Jan. 0	9 17 41,706	— 7 47 34,01
	Apr. 10	41,761	33,91
	Jul. 19	41,822	33,88
	Oct. 27	41,887	33,91
	Dec. 66	41,958	34,00
1800	Jan. 0	9 17 44,882	— 7 47 49,18
	Apr. 10	44,957	49,31
	Jul. 19	45,035	49,50
	Oct. 27	45,116	49,76
	Dec. 66	45,201	50,07
1801	Jan. 0	9 17 48,120	— 7 48 5,18
	Apr. 10	48,207	5,53
	Jul. 19	48,294	5,93
	Oct. 27	48,383	6,37
	Dec. 66	48,472	6,87
1802	Jan. 0	9 17 51,390	— 7 48 21,92
	Apr. 10	51,479	22,45
	Jul. 19	51,566	23,01
	Oct. 27	51,652	23,61
	Dec. 66	51,736	24,24
1803	Jan. 0	9 17 54,656	— 7 48 39,25
	Apr. 10	54,738	39,89
	Jul. 19	54,816	40,56
	Oct. 27	54,891	41,25
	Dec. 66	54,961	41,96
1804	Jan. 1	9 17 57,885	— 7 48 56,95
	Apr. 10	57,952	57,65
	Jul. 19	58,013	58,35
	Oct. 27	58,067	59,05
	Dec. 66	58,116	59,75
1805	Jan. 0	9 18 1,048	— 7 49 14,75
	Apr. 10	1,092	15,43
	Jul. 19	1,128	16,09
	Oct. 27	1,156	16,72
	Dec. 66	1,177	17,33
1806	Jan. 0	9 18 4,118	— 7 49 32,36
	Apr. 10	4,134	32,95
	Jul. 19	4,141	33,49
	Oct. 27	4,139	33,99
	Dec. 66	4,129	34,44
1807	Jan. 0	9 18 7,081	— 7 49 49,53
	Apr. 10	7,065	49,94
	Jul. 19	7,041	50,30
	Oct. 27	7,009	50,60
	Dec. 66	6,969	50,84
1808	Jan. 1	9 18 9,931	— 7 50 6,01
	Apr. 10	9,885	6,20
	Jul. 19	9,833	6,33
	Oct. 27	9,773	6,39
	Dec. 66	9,707	6,39
1809	Jan. 0	9 18 12,678	— 7 50 21,64
	Apr. 10	12,607	21,59
	Jul. 19	12,532	21,47
	Oct. 27	12,452	21,29
	Dec. 66	12,367	21,04

Tabulae X. Sect. III. *α Hydrae.*

	1800		1800		Var. 10 annor.	
Jan. 0	+1,058	+24,6	— 0,02	—22,5	—2	+2
10	+1,286	+20,6	— 2,24	—21,7	—1	+1
20	+1,470	+16,0	— 4,35	—20,3	—1	+1
30	+1,606	+11,1	— 6,29	—18,4	0	+1
Febr. 9	+1,692	+ 6,2	— 8,03	—16,3	0	0
19	+1,729	+ 1,4	— 9,54	—13,9	+1	0
Mart. 1	+1,720	— 3,0	—10,80	—11,4	+1	0
11	+1,669	— 6,8	—11,81	— 8,8	+1	—1
21	+1,584	— 9,9	—12,56	— 6,4	+2	—1
31	+1,472	—12,1	—13,08	— 4,0	+2	—1
Apr. 10	+1,342	—13,5	—13,36	— 1,7	+2	—2
20	+1,202	—14,1	—13,42	+ 0,4	+3	—2
30	+1,060	—14,0	—13,28	+ 2,4	+3	—2
Maj. 10	+0,922	—13,3	—12,94	+ 4,3	+3	—2
20	+0,796	—12,0	—12,42	+ 6,0	+3	—2
30	+0,685	—10,2	—11,74	+ 7,6	+3	—2
Jun. 9	+0,593	— 8,1	—10,91	+ 9,0	+2	—3
19	+0,524	— 5,8	— 9,95	+10,1	+2	—3
29	+0,477	— 3,4	— 8,89	+11,1	+2	—3
Jul. 9	+0,456	— 0,9	— 7,74	+11,7	+1	—3
19	+0,460	+ 1,8	— 6,56	+11,9	+1	—3
29	+0,491	+ 4,4	— 5,37	+11,6	+1	—3
Aug. 8	+0,548	+ 7,1	— 4,24	+10,9	0	—2
18	+0,633	+ 9,9	— 3,20	+ 9,7	0	—2
28	+0,745	+12,7	— 2,31	+ 7,9	—1	—2
Sept. 7	+0,887	+15,7	— 1,62	+ 5,6	—1	—2
17	+1,058	+18,5	— 1,19	+ 2,8	—2	—2
27	+1,257	+21,4	— 1,06	— 0,3	—2	—2
Oct. 7	+1,485	+24,2	— 1,25	— 3,7	—2	—1
17	+1,740	+26,7	— 1,80	— 7,3	—3	—1
27	+2,019	+28,9	— 2,70	— 9,7	—3	—1
Nov. 6	+2,317	+30,5	— 3,94	—14,0	—3	—1
16	+2,629	+31,5	— 5,50	—17,0	—3	—1
26	+2,947	+31,7	— 7,34	—19,4	—3	—1
Dec. 6	+3,262	+30,9	— 9,38	—21,2	—3	—1
16	+3,565	+29,2	—11,57	—22,3	—3	—1
26	+3,846	+26,6	—13,83	—22,6	—2	—1
36	+4,097	+23,2	—16,08	—22,3	—2	—1

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	9 17 15,9862	— 7 45 24,717
1791	17 18,9341	45 39,910
1792	17 21,8820	45 55,105
1793	17 24,8299	46 10,303
1794	17 27,7778	46 25,504
1795	17 30,7256	46 40,707
1796	17 33,6734	46 55,913
1797	17 36,6212	47 11,122
1798	17 39,5690	47 26,334
1799	17 42,5168	47 41,548
1800	17 45,4646	47 56,765
1801	17 48,4124	48 11,985
1802	17 51,3601	48 27,207
1803	17 54,3078	48 42,433
1804	17 57,2555	48 57,661
1805	18 0,2032	49 12,891
1806	18 3,1509	49 28,125
1807	18 6,0986	49 43,361
1808	18 9,0463	49 58,600
1809	18 11,9939	50 13,841
1810	18 14,9415	50 29,086

Diei reducto addendum est:

ante } Aug. 9 { + 1
post. } Aug. 9 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Leonis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	9 57 11,033	+12 59 4,44	1800	Jan. 0	9 57 41,915	+12 56 26,21
	Apr. 10	10,953	4,52		Apr. 10	42,005	25,97
	Jul. 19	10,869	4,66		Jul. 19	42,098	25,67
	Oct. 27	10,779	4,86		Oct. 27	42,192	25,32
	Dec. 66	10,685	5,13		Dec. 66	42,289	24,92
1791	Jan. 0	9 57 13,925	+12 58 47,80	1801	Jan. 0	9 57 45,464	+12 56 7,79
	Apr. 10	13,828	48,11		Apr. 10	45,562	7,36
	Jul. 19	13,729	48,47		Jul. 19	45,659	6,89
	Oct. 27	13,628	48,88		Oct. 27	45,756	6,38
	Dec. 66	13,526	49,35		Dec. 66	45,852	5,83
1792	Jan. 1	9 57 16,769	+12 58 31,95	1802	Jan. 0	9 57 49,027	+12 55 48,75
	Apr. 10	16,666	32,45		Apr. 10	49,122	48,18
	Jul. 19	16,564	32,99		Jul. 19	49,214	47,58
	Oct. 27	16,464	33,56		Oct. 27	49,303	46,96
	Dec. 66	16,366	34,18		Dec. 66	49,388	46,32
1793	Jan. 0	9 57 19,607	+12 58 16,72	1803	Jan. 0	9 57 52,567	+12 55 29,27
	Apr. 10	19,511	17,36		Apr. 10	52,649	28,62
	Jul. 19	19,419	18,01		Jul. 19	52,726	27,96
	Oct. 27	19,332	18,68		Oct. 27	52,797	27,30
	Dec. 66	19,250	19,37		Dec. 66	52,862	26,63
1794	Jan. 0	9 57 22,485	+12 58 1,89	1804	Jan. 1	9 57 56,048	+12 55 9,58
	Apr. 10	22,407	2,58		Apr. 10	56,109	8,91
	Jul. 19	22,336	3,26		Jul. 19	56,162	8,26
	Oct. 27	22,272	3,94		Oct. 27	56,207	7,63
	Dec. 66	22,216	4,62		Dec. 66	56,245	7,01
1795	Jan. 0	9 57 25,442	+12 57 47,14	1805	Jan. 0	9 57 59,441	+12 54 49,94
	Apr. 10	25,391	47,80		Apr. 10	59,473	49,33
	Jul. 19	25,349	48,44		Jul. 19	59,496	48,76
	Oct. 27	25,316	49,05		Oct. 27	59,510	48,22
	Dec. 66	25,291	49,64		Dec. 66	59,516	47,72
1796	Jan. 1	9 57 28,507	+12 57 32,20	1806	Jan. 0	9 58 2,722	+12 54 30,61
	Apr. 10	28,488	32,76		Apr. 10	2,722	30,14
	Jul. 19	28,479	33,27		Jul. 19	2,712	29,71
	Oct. 27	28,479	33,75		Oct. 27	2,693	29,34
	Dec. 66	28,489	34,18		Dec. 66	2,665	29,01
1797	Jan. 0	9 57 31,693	+12 57 16,79	1807	Jan. 0	9 58 5,882	+12 54 11,84
	Apr. 10	31,709	17,18		Apr. 10	5,848	11,55
	Jul. 19	31,733	17,52		Jul. 19	5,806	11,32
	Oct. 27	31,766	17,81		Oct. 27	5,755	11,16
	Dec. 66	31,808	18,04		Dec. 66	5,696	11,05
1798	Jan. 0	9 57 35,001	+12 57 0,71	1808	Jan. 1	9 58 8,923	+12 53 53,80
	Apr. 10	35,048	0,91		Apr. 10	8,859	53,74
	Jul. 19	35,102	1,04		Jul. 19	8,788	53,74
	Oct. 27	35,164	1,11		Oct. 27	8,711	53,81
	Dec. 66	35,233	1,12		Dec. 66	8,627	53,94
1799	Jan. 0	9 57 38,417	+12 56 43,86	1809	Jan. 0	9 58 11,862	+12 53 36,60
	Apr. 10	38,490	43,83		Apr. 10	11,774	36,78
	Jul. 19	38,567	43,75		Jul. 19	11,683	37,01
	Oct. 27	38,650	43,60		Oct. 27	11,588	37,31
	Dec. 66	38,738	43,39		Dec. 66	11,489	37,66

Tabulae X. Sect. III. *α Leonis.*

	1800		1800		Var. 10 annor.	
Jan. 0	+0,896″	+28,7	− 5,22″	−14,8	−3	+1
10	+1,167	+25,2	− 6,59	−12,5	−2	0
20	+1,400	+21,0	− 7,72	−10,0	−2	0
30	+1,587	+16,3	− 8,58	− 7,3	−2	−1
Febr. 9	+1,725	+11,3	− 9,18	− 4,7	−1	−1
19	+1,812	+ 6,3	− 9,51	− 2,1	0	−1
Mart. 1	+1,851	+ 1,6	− 9,60	+ 0,2	0	−2
11	+1,843	− 2,8	− 9,48	+ 2,1	+1	−2
21	+1,796	− 6,3	− 9,19	+ 3,6	+1	−2
31	+1,718	− 9,1	− 8,77	+ 4,7	+2	−2
Apr. 10	+1,614	−11,2	− 8,26	+ 5,4	+2	−3
20	+1,494	−12,4	− 7,69	+ 5,8	+2	−3
30	+1,366	−12,9	− 7,11	+ 5,8	+3	−3
Maj. 10	+1,237	−12,7	− 6,53	+ 5,7	+3	−2
20	+1,113	−11,9	− 5,98	+ 5,4	+3	−2
30	+1,000	−10,6	− 5,47	+ 4,9	+3	−2
Jun. 9	+0,901	− 9,0	− 5,02	+ 4,2	+3	−2
19	+0,820	− 7,1	− 4,63	+ 3,5	+2	−2
29	+0,759	− 5,1	− 4,32	+ 2,8	+2	−2
Jul. 9	+0,719	− 2,9	− 4,08	+ 1,9	+2	−1
19	+0,701	− 0,6	− 3,94	+ 0,9	+1	−1
29	+0,707	+ 1,9	− 3,91	− 0,3	+1	−1
Aug. 8	+0,738	+ 4,4	− 4,00	− 1,6	0	−1
18	+0,795	+ 7,1	− 4,22	− 3,0	0	−1
28	+0,879	+ 9,8	− 4,60	− 4,7	−1	0
Sept. 7	+0,991	+12,7	− 5,15	− 6,5	−1	0
17	+1,133	+15,8	− 5,90	− 8,5	−2	0
27	+1,306	+18,9	− 6,84	−10,5	−2	0
Oct. 7	+1,510	+22,0	− 7,99	−12,5	−3	0
17	+1,746	+25,1	− 9,34	−14,4	−3	0
27	+2,011	+27,8	−10,87	−16,1	−4	0
Nov. 6	+2,302	+30,2	−12,55	−17,4	−4	0
16	+2,614	+32,0	−14,34	−18,2	−4	0
26	+2,941	+33,0	−16,19	−18,6	−4	0
Dec. 6	+3,274	+33,1	−18,05	−18,3	−4	−1
16	+3,603	+32,3	−19,85	−17,4	−4	−1
26	+3,919	+30,4	−21,53	−15,9	−4	−1
36	+4,210	+27,5	−23,03	−14,0	−4	−2

	A. R. med.	Decl. med.
1790	9ʰ 57′ 10″,3165	+12° 59′ 11″,828
1791	57 13,5250	58 54,587
1792	57 16,7333	58 37,344
1793	57 19,9416	58 20,098
1794	57 23,1497	58 2,850
1795	57 26,3578	57 45,599
1796	57 29,5657	57 28,346
1797	57 32,7736	57 11,091
1798	57 35,9813	56 53,834
1799	57 39,1890	56 36,574
1800	57 42,3965	56 19,312
1801	57 45,6039	56 2,048
1802	57 48,8113	55 44,781
1803	57 52,0185	55 27,512
1804	57 55,2257	55 10,241
1805	57 58,4327	54 52,966
1806	58 1,6396	54 35,690
1807	58 4,8464	54 18,412
1808	58 8,0531	54 1,131
1809	58 11,2597	53 43,848
1810	58 14,4663	53 26,563

Diei reducto addendum est:

ante } Aug. 20 { + 1
post } Aug. 20 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *β Leonis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	11 38 20,849	+15 44 36,88	1800	Jan. 0	11 38 50,467	+15 41 25,90
	Apr. 10	20,768	37,27		Apr. 10	50,556	25,41
	Jul. 19	20,684	37,70		Jul. 19	50,647	24,90
	Oct. 27	20,695	38,17		Oct. 27	50,740	24,36
	Dec. 66	20,501	38,68		Dec. 66	50,834	23,80
1791	Jan. 0	11 38 23,602	+15 44 18,43	1801	Jan. 0	11 38 53,871	+15 41 3,92
	Apr. 10	23.506	18,97		Apr. 10	53,966	3,34
	Jul. 19	23,409	19,53		Jul. 19	54,060	2,76
	Oct. 27	23,311	19,11		Oct. 27	54,153	2,16
	Dec. 66	23,212	20,72		Dec. 66	54,245	1,56
1792	Jan. 1	11 38 26,314	+15 44 0,44	1802	Jan. 0	11 38 57,283	+15 40 41,68
	Apr. 10	26,215	1,06		Apr. 10	57,374	41,08
	Jul. 19	26,117	1,69		Jul. 19	57,461	40,48
	Oct. 27	26,022	2,32		Oct. 27	57,545	39,89
	Dec. 66	25,928	2,95		Dec. 66	57,625	39,30
1793	Jan. 0	11 38 29,028	+15 43 42,67	1803	Jan. 0	11 39 0,667	+15 40 19,42
	Apr 10	28,937	43,30		Apr. 10	0,744	18,85
	Jul. 19	28,851	43,91		Jul. 19	0,815	18,30
	Oct. 27	28,770	44,51		Oct. 27	0,881	17,78
	Dec. 66	28,693	45,09		Dec. 65	0,940	17,28
1794	Jan. 0	11 38 31,787	+15 43 24,83	1804	Jan. 1	11 39 3,989	+15 39 57,37
	Apr. 10	31,714	25,40		Apr. 10	4,044	56,89
	Jul. 19	31,649	25,92		Jul. 19	4,092	56,45
	Oct. 27	31,591	26,42		Oct. 27	4,131	56,06
	Dec. 66	31,541	26,88		Dec. 66	4,163	55,70
1795	Jan. 0	11 38 34,626	+15 43 6,65	1805	Jan. 0	11 39 7,222	+15 39 35,73
	Apr. 10	34,581	7,08		Apr. 10	7,248	35,40
	Jul. 19	34,545	7,47		Jul. 19	7,266	35,18
	Oct. 27	34,518	7,80		Oct. 27	7,275	34,90
	Dec. 66	34,499	8,09		Dec. 66	7,276	34,73
1796	Jan. 1	11 38 37,573	+15 42 47,93	1806	Jan. 0	11 39 10,345	+15 39 14,70
	Apr. 10	37,560	47,18		Apr. 10	10,339	14,56
	Jul. 19	37,556	48,38		Jul. 19	10,325	14,48
	Oct. 27	37,561	48,52		Oct. 27	10,302	14,46
	Dec. 66	37,576	48,61		Dec. 66	10,270	14,49
1797	Jan. 0	11 38 40,639	+15 42 28,51	1807	Jan. 0	11 39 13,350	+15 38 54,39
	Apr. 10	40,659	28,56		Apr. 10	13,313	54,46
	Jul. 19	40,688	28,55		Jul. 19	13,267	54,59
	Oct. 27	40,724	28,48		Oct. 27	13,213	54,78
	Dec. 66	40,769	28,36		Dec. 66	13,152	55,02
1798	Jan. 0	11 38 43,822	+15 42 8,33	1808	Jan. 1	11 39 16,242	+15 38 34,85
	Apr. 10	43,872	8,17		Apr. 10	16,176	35,12
	Jul. 19	43,929	7,97		Jul. 19	16,104	35,45
	Oct. 27	43,992	7,71		Oct. 27	16,026	35,82
	Dec. 66	44,062	7,40		Dec. 66	15,942	36,25
1799	Jan. 0	11 38 47,107	+15 41 47,43	1809	Jan. 0	11 39 19,038	+15 38 16,02
	Apr. 10	47,181	47,09		Apr. 10	18,951	16,48
	Jul. 19	47,259	46,70		Jul. 19	18,860	16,97
	Oct. 27	47,341	46,28		Oct. 27	18,767	17,50
	Dec. 66	47,428	45,82		Dec. 66	18,670	18,05

Tabulae X. Sect. III. β *Leonis.*

	1800 (a)	1800 (b)	1800 (a)	1800 (b)	Var. 10 annor. (a)	Var. 10 annor. (b)
Jan. 0	+0″,359	+33,2	− 6″,82	−18,3	−3	+2
10	+0,683	+31,3	− 8,52	−15,6	−5	+1
20	+0,985	+28,6	− 9,94	−12,6	−3	+1
30	+1,254	+25,0	−11,04	− 9,3	−3	0
Febr. 9	+1,484	+20,8	−11,79	− 5,8	−2	0
19	+1,670	+16,4	−12,20	− 2,5	−2	−1
Mart. 1	+1,811	+11,8	−12,28	+ 0,7	−1	−1
11	+1,906	+ 7,4	−12,06	+ 3,5	−1	−1
21	+1,958	+ 3,3	−11,59	+ 5,7	0	−2
31	+1,972	− 0,4	−10,92	+ 7,5	0	−2
Apr. 10	+1,951	− 3,5	−10,09	+ 8,7	+1	−2
20	+1,903	− 5,9	− 9,18	+ 9,4	+1	−2
30	+1,833	− 7,9	− 8,22	+ 9,6	+2	−2
Maj. 10	+1,746	− 9,2	− 7,27	+ 9,3	+2	−2
20	+1,649	−10,1	− 6,36	+ 8,7	+2	−2
30	+1,545	−10,5	− 5,53	+ 7,8	+3	−2
Jun. 9	+1,440	−10,5	− 4,81	+ 6,6	+3	−2
19	+1,336	−10,4	− 4,21	+ 5,3	+3	−2
29	+1,236	− 9,7	− 3,75	+ 3,8	+3	−2
Jul. 9	+1,142	− 8,9	− 3,45	+ 2,2	+3	−1
19	+1,058	− 7,8	− 3,31	+ 0,6	+2	−1
29	+0,936	− 6,5	− 3,34	− 1,3	+2	−1
Aug. 8	+0,923	− 4,9	− 3,56	− 3,1	+2	0
18	+0,889	− 2,8	− 3,96	− 5,1	+1	0
28	+0,872	− 0,5	− 4,57	− 7,2	+1	0
Sept. 7	+0,880	+ 2,3	− 5,39	− 9,3	0	0
17	+0,918	+ 5,5	− 6,43	−11,5	0	+1
27	+0,989	+ 9,0	− 7,69	−13,7	−1	+1
Oct. 7	+1,098	+12,9	− 9,17	−15,9	−1	+1
17	+1,246	+16,8	−10,86	−17,9	−2	+2
27	+1,434	+20,8	−12,75	−19,7	−2	+2
Nov. 6	+1,662	+24,6	−14,80	−21,1	−3	+2
16	+1,926	+28,0	−16,97	−22,1	−3	+2
26	+2,222	+30,8	−19,21	−22,5	−4	+2
Dec. 6	+2,542	+32,8	−21,46	−22,2	−4	+2
16	+2,877	+33,8	−23,65	−21,3	−4	+2
26	+3,217	+33,7	−25,71	−19,6	−4	+2
36	+3,551	+32,7	−27,57	−17,4	−4	+1

	A. R. med.	Decl. med.
1790	11ʰ 38′ 20″,1956	+15° 44′ 42″,380
1791	38 23,2649	44 22,307
1792	38 26,3342	44 2,234
1793	38 29,4034	43 42,161
1794	38 32,4725	43 22,087
1795	38 35,5416	43 2,013
1796	38 38,6106	42 41,938
1797	38 41,6795	42 21,863
1798	38 44,7483	42 1,788
1799	38 47,8170	41 41,712
1800	38 50,8856	41 21,636
1801	38 53,9542	41 1,560
1802	38 57,0227	40 41,483
1803	39 0,0911	40 21,406
1804	39 3,1594	40 1,329
1805	39 6,2277	39 41,251
1806	39 9,2959	39 21,173
1807	39 12,3640	39 1,095
1808	39 15,4320	38 41,016
1809	39 18,5000	38 20,937
1810	39 21,5679	38 0,856

Diei reducto addendum est:

ante } Sept. 16 { + 1
post } Sept. 16 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. β *Virginis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	11 39 46,125	+ 2 56 45,87	1800	Jan. 0	11 40 16,103	+ 2 53 32,75
	Apr. 10	46,054	46,26		Apr. 10	16,185	32,26
	Jul. 19	45,978	46,69		Jul. 19	16,270	31,75
	Oct. 27	45,897	47,17		Oct. 27	16,358	31,21
	Dec. 66	45,811	47,68		Dec. 66	16,449	30,64
1791	Jan. 0	11 39 48,965	+ 2 56 27,23	1801	Jan. 0	11 40 19,543	+ 2 53 10,55
	Apr. 10	48,876	27,77		Apr. 10	19,634	9,97
	Jul. 19	48,784	28,33		Jul. 19	19,726	9,39
	Oct. 27	48,690	28,92		Oct. 27	19,818	8,79
	Dec. 66	48,593	29,53		Dec. 66	19,911	8,18
1792	Jan. 1	11 39 51,750	+ 2 56 9,04	1802	Jan. 0	11 40 23,004	+ 2 52 48,10
	Apr. 10	51,453	9,66		Apr. 10	23,096	47,50
	Jul. 19	51,556	10,28		Jul. 19	23,185	46,90
	Oct. 27	51,461	10,91		Oct. 27	23,272	46,31
	Dec. 66	51,366	11,55		Dec. 66	23,356	45,73
1793	Jan. 0	11 39 54,522	+ 2 55 51,06	1803	Jan. 0	11 40 26,453	+ 2 52 25,64
	Apr. 10	54,428	51,69		Apr. 10	26,535	25,07
	Jul. 19	54,338	52,30		Jul. 19	26,612	24,53
	Oct. 27	54,252	52,89		Oct. 27	26,684	24,01
	Dec. 66	54,170	53,47		Dec. 66	26,751	23,51
1794	Jan. 0	11 39 57,322	+ 2 55 33,00	1804	Jan. 1	11 40 29,854	+ 2 52 3,39
	Apr. 10	57,243	33,56		Apr. 10	29,917	2,91
	Jul. 19	57,170	34,09		Jul. 19	29,974	2,48
	Oct. 27	57,104	34,58		Oct. 27	30,023	2,09
	Dec. 66	57,045	35,04		Dec. 66	30,066	1,73
1795	Jan. 0	11 40 0,188	+ 2 55 14,61	1805	Jan. 0	11 40 33,177	+ 2 51 41,56
	Apr. 10	0,134	15,04		Apr. 10	33,215	41,24
	Jul. 19	0,087	15,42		Jul. 19	33,244	40,97
	Oct. 27	0,048	15,75		Oct. 27	33,265	40,75
	Dec. 66	0,018	16,04		Dec. 66	33,278	40,57
1796	Jan. 1	11 40 3,152	+ 2 54 55,67	1806	Jan. 0	11 40 36,399	+ 2 51 20,34
	Apr. 10	3,127	55,92		Apr. 10	36,406	20,21
	Jul. 19	3,111	56,11		Jul. 19	36,405	20,13
	Oct. 27	3,104	56,24		Oct. 27	36,394	20,11
	Dec. 66	3,105	56,32		Dec. 66	36,375	20,15
1797	Jan. 0	11 40 6,228	+ 2 54 36,02	1807	Jan. 0	11 40 39,507	+ 2 50 59,84
	Apr. 10	6,236	36,06		Apr. 10	39,482	59,92
	Jul. 19	6,252	36,05		Jul. 19	39,449	51 0,05
	Oct. 27	6,276	35,98		Oct. 27	39,408	0,24
	Dec. 66	6,308	35,85		Dec. 66	39,358	0,49
1798	Jan. 0	11 40 9,421	+ 2 54 15,62	1808	Jan. 1	11 40 42,500	+ 2 50 40,11
	Apr. 10	9,460	15,46		Apr. 10	42,445	40,39
	Jul. 19	9,505	15,24		Jul. 19	42,383	40,72
	Oct. 27	9,557	14,98		Oct. 27	42,315	41,10
	Dec. 66	9,616	14,66		Dec. 66	42,240	41,53
1799	Jan. 0	11 40 12,720	+ 2 53 54,49	1809	Jan. 0	11 40 45,390	+ 2 50 21,10
	Apr. 10	12,784	54,15		Apr. 10	45,311	21,56
	Jul. 19	12,853	53,76		Jul. 19	45,228	22,05
	Oct. 27	12,927	53,33		Oct. 27	45,141	22,58
	Dec. 66	13,006	52,87		Dec. 66	45,050	23,14

Tabulae X. Sect. III. β *Virginis.*

	1800		1800		Var. 10 annor.	
Jan. 0	+0″,346	+32,5	— 2″,56	—20,9	—3	+2
10	+0,663	+30,6	— 4,58	—19,5	—3	+2
20	+0,957	+27,9	— 6,45	—17,6	—3	+2
30	+1,220	+24,4	— 8,10	—15,2	—2	+1
Febr. 9	+1,444	+20,4	— 9,49	—12,6	—2	+1
19	+1,627	+16,1	—10,61	— 9,8	—1	+1
Mart. 1	+1,766	+11,7	—11,45	— 7,1	—1	0
11	+1,861	+ 7,5	—12,02	— 4,4	0	0
21	+1,916	+ 3,7	—12,33	— 2,0	0	—1
31	+1,935	+ 0,3	—12,41	+ 0,2	+1	—1
Apr. 10	+1,922	— 2,6	—12,30	+ 2,0	+1	—1
20	+1,883	— 5,0	—12,02	+ 3,4	+2	—1
30	+1,823	— 6,8	—11,62	+ 4,5	+2	—2
Maj. 10	+1,748	— 8,0	—11,13	+ 5,3	+2	—2
20	+1,663	— 8,9	—10,57	+ 5,8	+3	—2
30	+1,571	— 9,4	— 9,98	+ 6,0	+3	—2
Jun. 9	+1,476	— 9,5	— 9,37	+ 6,1	+3	—2
19	+1,382	— 9,3	— 8,77	+ 6,0	+3	—2
29	+1,290	— 8,9	— 8,18	+ 5,8	+3	—2
Jul. 9	+1,204	— 8,3	— 7,62	+ 5,3	+3	—2
19	+1,125	— 7,4	— 7,12	+ 4,7	+3	—2
29	+1,057	— 6,1	— 6,69	+ 3,9	+2	—1
Aug. 8	+1,003	— 4,6	— 6,35	+ 2,8	+2	—1
18	+0,965	— 2,7	— 6,13	+ 1,5	+2	—1
28	+0,949	— 0,4	— 6,05	0,0	+1	—1
Sept. 7	+0,957	+ 2,8	— 6,13	— 1,9	+1	—1
17	+0,995	+ 5,5	— 6,42	— 4,0	0	0
27	+1,067	+ 9,0	— 6,92	— 6,3	0	0
Oct. 7	+1,174	+12,7	— 7,67	— 8,8	—1	0
17	+1,321	+16,7	— 8,68	—11,4	—1	+1
27	+1,508	+20,7	— 9,95	—13,9	—2	+1
Nov. 6	+1,734	+24,4	—11,46	—16,3	—2	+1
16	+1,995	+27,7	—13,21	—18,4	—3	+2
26	+2,287	+30,4	—15,14	—20,0	—3	+2
Dec. 6	+2,602	+32,3	—17,21	—21,1	—3	+2
16	+2,932	+33,2	—19,36	—21,6	—3	+2
26	+3,265	+33,0	—21,52	—21,3	—3	+2
36	+3,592	+31,9	—23,62	—20,4	—3	+2

	A. R. med.	Decl. med.
1790	11h 39′ 45″,3852	+ 2° 56′ 51″,338
1791	39 48,5098	56 31,054
1792	39 51,6344	56 10,774
1793	39 54,7590	55 50,494
1794	39 57,8836	55 30,214
1795	40 1,0082	55 9,933
1796	40 4,1328	54 49,652
1797	40 7,2573	54 29,371
1798	40 10,3819	54 9,089
1799	40 13,5064	53 48,807
1800	40 16,6310	53 28,525
1801	40 19,7555	53 8,242
1802	40 22,8801	52 47,959
1803	40 26,0046	52 27,676
1804	40 29,1292	52 7,392
1805	40 32,2537	51 47,108
1806	40 35,3782	51 26,824
1807	40 38,5027	51 6,539
1808	40 41,6272	50 46,254
1809	40 44,7517	50 25,969
1810	40 47,8762	50 5,684

Diei reducto addendum est:

ante } Sept. 17 { + 1
post } Sept. 17 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Virginis.*

		h ′ ″	° ′ ″
1790	Jan. 0	13 14 9,927	— 10 3 38,92
	Apr. 10	9,864	38,31
	Jul. 19	9,794	37,69
	Oct. 27	9,718	37,05
	Dec. 66	9,636	36,39
1791	Jan. 0	13 14 12,806	— 10 3 55,68
	Apr. 10	12,720	55,03
	Jul. 19	12,631	54,38
	Oct. 27	12,538	53,74
	Dec. 66	12,441	53,10
1792	Jan. 1	13 14 15,615	— 10 4 12,38
	Apr. 10	15,517	11,76
	Jul. 19	15,418	11,16
	Oct. 27	15,319	10,59
	Dec. 66	15,220	10,05
1793	Jan. 0	13 14 18,395	— 10 4 29,30
	Apr. 10	18,296	28,78
	Jul. 19	18,200	28,31
	Oct. 27	18,107	27,89
	Dec. 66	18,017	27,51
1794	Jan. 0	13 14 21,189	— 10 4 46,70
	Apr. 10	21,101	46,35
	Jul. 19	21,019	46,06
	Oct. 27	20,943	45,83
	Dec. 66	20,873	45,66
1795	Jan. 0	13 14 24,038	— 10 5 4,77
	Apr. 10	23,972	4,64
	Jul. 19	23,914	4,56
	Oct. 27	23,864	4,55
	Dec. 66	23,821	4,59
1796	Jan. 1	13 14 26,977	— 10 5 23,63
	Apr. 10	26,940	23,72
	Jul. 19	26,911	23,86
	Oct. 27	26,892	24,06
	Dec. 66	26,881	24,32
1797	Jan. 0	13 14 30,026	— 10 5 43,29
	Apr. 10	30,022	43,59
	Jul. 19	30,026	43,93
	Oct. 27	30,039	44,32
	Dec. 66	30,061	44,75
1798	Jan. 0	13 14 33,195	— 10 6 3,66
	Apr. 10	33,223	4,12
	Jul. 19	33,258	4,62
	Oct. 27	33,302	5,15
	Dec. 66	33,353	5,71
1799	Jan. 0	13 14 36,478	— 10 6 24,58
	Apr. 10	36,534	25,16
	Jul. 19	36,596	25,75
	Oct. 27	36,664	26,36
	Dec. 66	36,739	26,98
1800	Jan. 0	13 14 39,856	— 10 6 45,83
	Apr. 10	39,934	46,46
	Jul. 19	40,016	47,08
	Oct. 27	40,102	47,71
	Dec. 66	40,192	48,33
1801	Jan. 0	13 14 43,304	— 10 7 7,18
	Apr. 10	43,396	7,79
	Jul. 19	43,489	8,38
	Oct. 27	43,583	8,95
	Dec. 66	43,678	9,50
1802	Jan. 0	13 14 46,789	— 10 7 28,38
	Apr. 10	46,884	28,91
	Jul. 19	46,979	29,40
	Oct. 27	47,071	29,86
	Dec. 66	47,162	30,28
1803	Jan. 0	13 14 50,275	— 10 7 49,20
	Apr. 10	50,364	49,59
	Jul. 19	50,449	49,94
	Oct. 27	50,530	50,23
	Dec. 66	50,607	50,48
1804	Jan. 1	13 14 53,726	— 10 8 9,46
	Apr. 10	53,799	9,68
	Jul. 19	53,866	9,83
	Oct. 27	53,927	9,93
	Dec. 66	53,981	9,98
1805	Jan. 0	13 14 57,107	— 10 8 29,02
	Apr. 10	57,157	29,03
	Jul. 19	57,198	28,98
	Oct. 27	57,232	28,87
	Dec. 66	57,257	28,70
1806	Jan. 0	13 15 0,393	— 10 8 47,81
	Apr. 10	0,412	47,61
	Jul. 19	0,423	47,35
	Oct. 27	0,424	47,04
	Dec. 66	0,417	46,67
1807	Jan. 0	13 15 3,564	— 10 9 5,85
	Apr. 10	3,550	5,45
	Jul. 19	3,528	5,01
	Oct. 27	3,497	4,53
	Dec. 66	3,457	4,00
1808	Jan. 1	13 15 6,615	— 10 9 23,23
	Apr. 10	6,569	22,68
	Jul. 19	6,516	22,10
	Oct. 27	6,455	21,50
	Dec. 66	6,386	20,87
1809	Jan. 0	13 15 9,554	— 10 9 40,13
	Apr. 10	9,481	39,49
	Jul. 19	9,402	38,84
	Oct. 27	9,318	38,19
	Dec. 66	9,229	37,54

Tabulae X. Sect. III. *α Virginis.*

	1800		1800		Var. 10 annor.	
	″		″			
Jan. 0	−0,198	+33,4	+ 2,16	−20,1	−3	+2
10	+0,136	+33,1	+ 0,13	−20,4	−3	+2
20	+0,464	+31,9	− 1,92	−20,2	−3	+2
30	+0,774	+29,8	− 3,90	−19,2	−3	+2
Febr. 9	+1,060	+27,1	− 5,76	−17,8	−2	+2
19	+1,315	+23,9	− 7,45	−15,9	−2	+2
Mart. 1	+1,537	+20,4	− 8,94	−13,8	−2	+2
11	+1,722	+16,7	−10,21	−11,5	−1	+2
21	+1,871	+13,2	−11,24	− 9,2	0	+2
31	+1,986	+ 9,9	−12,05	− 7,0	0	+1
Apr. 10	+2,058	+ 6,7	−12,64	− 4,9	+1	+1
20	+2,120	+ 3,8	−13,03	− 3,0	+1	+1
30	+2,144	+ 1,2	−13,24	− 1,3	+2	+1
Maj. 10	+2,144	− 1,1	−13,29	+ 0,2	+2	0
20	+2,122	− 3,1	−13,20	+ 1,5	+3	0
30	+2,082	− 4,9	−13,00	+ 2,5	+3	0
Jun. 9	+2,024	− 6,6	−12,69	+ 3,6	+3	0
19	+1,950	− 8,0	−12,29	+ 4,4	+3	−1
29	+1,864	− 9,2	−11,82	+ 5,0	+4	−1
Jul. 9	+1,766	−10,2	−11,29	+ 5,6	+4	−1
19	+1,660	−10,8	−10,71	+ 6,0	+4	−1
29	+1,550	−11,1	−10,09	+ 6,3	+3	−1
Aug. 8	+1,439	−10,8	− 9,46	+ 6,3	+3	−1
18	+1,334	−10,0	− 8,84	+ 6,0	+3	−1
28	+1,239	− 8,7	− 8,26	+ 5,5	+3	−1
Sept. 7	+1,161	− 6,4	− 7,75	+ 4,6	+2	−1
17	+1,107	− 3,9	− 7,34	+ 3,3	+2	−1
27	+1,084	− 0,5	− 7,09	+ 1,6	+1	0
Oct. 7	+1,098	+ 3,5	− 7,02	− 0,5	+1	0
17	+1,153	+ 7,8	− 7,18	− 2,9	0	0
27	+1,254	+12,5	− 7,60	− 5,6	0	+1
Nov. 6	+1,402	+17,2	− 8,29	− 8,3	−1	+1
16	+1,597	+21,6	− 9,26	−11,1	−1	+2
26	+1,834	+25,6	−10,51	−13,8	−1	+2
Dec. 6	+2,109	+29,0	−12,02	−16,2	−2	+3
16	+2,413	+31,4	−13,75	−18,2	−2	+3
26	+2,737	+32,9	−15,65	−19,5	−2	+3
36	+3,071	+33,4	−17,65	−20,3	−2	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	13 14 9,0804	−10 3 36,190
1791	14 12,2224	3 55,262
1792	14 15,3645	4 14,333
1793	14 18,5067	4 33,402
1794	14 21,6491	4 52,470
1795	14 24,7916	5 11,535
1796	14 27,9342	5 30,600
1797	14 31,0769	5 49,663
1798	14 34,2197	6 8,725
1799	14 37,3626	6 27,785
1800	14 40,5057	6 46,843
1801	14 43,6488	7 5,900
1802	14 46,7921	7 24,955
1803	14 49,9355	7 44,009
1804	14 53,0790	8 3,061
1805	14 56,2225	8 22,112
1806	14 59,3662	8 41,161
1807	15 2,5100	9 0,209
1808	15 5,6539	9 19,255
1809	15 8,7979	9 38,300
1810	15 11,9422	9 57,343

* Diei reducto addendum est:

ante } Oct. 13 { + 1
post } Oct. 13 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Bootis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	14 6 5,853	+20 16 55,69	1800	Jan. 0	14 6 32,257	+20 13 45,19
	Apr. 10	5,778	56,38		Apr. 10	32,340	44,53
	Jul. 19	5,699	57,06		Jul. 19	32,424	43,89
	Oct. 27	5,616	57,75		Oct. 27	32,509	43,27
	Dec. 66	5,530	58,43		Dec. 66	32,595	42,66
1791	Jan. 0	14 6 8,291	+20 16 39,13	1801	Jan. 0	14 6 35,298	+20 13 23,80
	Apr. 10	8,203	39,81		Apr. 10	35,385	23,22
	Jul. 19	8,114	40,46		Jul. 19	35,470	22,67
	Oct. 27	8,024	41,09		Oct. 27	35,555	22,15
	Dec. 66	7,934	41,69		Dec. 66	35,638	21,67
1792	Jan. 1	14 6 10,696	+20 16 22,42	1802	Jan. 0	14 6 38,342	+20 13 2,78
	Apr. 10	10,606	23,00		Apr. 10	38,424	2,33
	Jul. 19	10,517	23,54		Jul. 19	38,502	1,93
	Oct. 27	10,431	24,03		Oct. 27	38,577	1,58
	Dec. 66	10,347	24,48		Dec. 66	38,648	1,27
1793	Jan. 0	14 6 13,107	+20 16 5,27	1803	Jan. 0	14 6 41,357	+20 12 42,32
	Apr. 10	13,025	5,68		Apr. 10	41,425	42,06
	Jul. 19	12,948	6,03		Jul. 19	41,488	41,85
	Oct. 27	12,876	6,33		Oct. 27	41,545	41,70
	Dec. 66	12,808	6,57		Dec. 66	41,597	41,60
1794	Jan. 0	14 6 15,562	+20 15 47,43	1804	Jan. 1	14 6 44,313	+20 12 22,58
	Apr. 10	15,498	47,63		Apr. 10	44,360	22,53
	Jul. 19	15,441	47,76		Jul. 19	44,400	22,54
	Oct. 27	15,391	47,83		Oct. 27	44,434	22,61
	Dec. 66	15,348	47,84		Dec. 66	44,460	22,74
1795	Jan. 0	14 6 18,094	+20 15 28,78	1805	Jan. 0	14 6 47,184	+20 12 3,65
	Apr. 10	18,056	28,74		Apr. 10	47,205	3,82
	Jul. 19	18,026	28,64		Jul. 19	47,218	4,04
	Oct. 27	18,004	28,48		Oct. 27	47,223	4,33
	Dec. 66	17,990	28,25		Dec. 66	47,220	4,67
1796	Jan. 1	14 6 20,726	+20 15 9,27	1806	Jan. 0	14 6 49,954	+20 11 45,51
	Apr. 10	20,718	9,01		Apr. 10	49,946	45,89
	Jul. 19	20,718	8,69		Jul. 19	49,930	46,32
	Oct. 27	20,726	8,31		Oct. 27	49,906	46,80
	Dec. 66	20,742	7,88		Dec. 66	49,873	47,32
1797	Jan. 0	14 6 23,467	+20 14 48,97	1807	Jan. 0	14 6 52,617	+20 11 28,10
	Apr. 10	23,489	48,51		Apr. 10	52,580	28,65
	Jul. 19	23,518	48,01		Jul. 19	52,535	29,23
	Oct. 27	23,554	47,47		Oct. 27	52,484	29,84
	Dec. 66	23,598	46,90		Dec. 66	52,425	30,49
1798	Jan. 0	14 6 26,315	+20 14 28,04	1808	Jan. 1	14 6 55,178	+20 11 11,23
	Apr. 10	26,364	27,44		Apr. 10	55,115	11,89
	Jul. 19	26,418	26,82		Jul. 19	55,047	12,56
	Oct. 27	26,478	26,18		Oct. 27	54,974	13,24
	Dec. 66	26,544	25,52		Dec. 66	54,896	13,94
1799	Jan. 0	14 6 29,253	+20 14 6,69	1809	Jan. 0	14 6 57,655	+20 10 54,67
	Apr. 10	29,323	6,02		Apr. 10	57,573	55,37
	Jul. 19	29,396	5,36		Jul. 19	57,489	56,05
	Oct. 27	29,473	4,69		Oct. 27	57,403	56,73
	Dec. 66	29,553	4,02		Dec. 66	57,314	57,39

Tabulae X. Sect. III. *α Bootis.*

	1800		1800		Var. 10 annor.	
	″		″			
Jan. 0	−0,540	+32,0	− 7,60	−24,3	−3	+2
10	−0,213	+32,9	− 9,91	−21,6	−3	+2
20	+0,118	+32,9	−11,92	−18,3	−3	+2
30	+0,445	+32,0	−13,57	−14,4	−3	+2
Febr. 9	+0,757	+30,1	−14,80	−10,1	−3	+1
19	+1,047	+27,6	−15,59	− 5,7	−3	+1
Mart. 1	+1,309	+24,7	−15,94	− 1,3	−2	+1
11	+1,540	+21,3	−15,84	+ 2,9	−2	0
21	+1,735	+17,8	−15,36	+ 6,7	−2	0
31	+1,895	+14,3	−14,51	+10,0	−1	0
Apr. 10	+2,020	+10,8	−13,37	+12,5	−1	−1
20	+2,111	+ 7,5	−12,01	+14,4	0	−1
30	+2,170	+ 4,4	−10,50	+15,5	0	−1
Maj. 10	+2,199	+ 1,5	− 8,92	+15,9	+1	−1
20	+2,200	− 1,3	− 7,32	+15,8	+1	−1
30	+2,174	− 3,8	− 5,77	+15,0	+1	−1
Jun. 9	+2,125	− 6,0	− 4,33	+13,7	+2	−1
19	+2,054	− 8,1	− 3,04	+11,9	+2	−1
29	+1,963	−10,0	− 1,95	+ 9,9	+2	−1
Jul. 9	+1,854	−11,6	− 1,06	+ 7,6	+3	−1
19	+1,731	−12,9	− 0,43	+ 5,1	+3	0
29	+1,596	−13,8	− 0,05	+ 2,5	+3	0
Aug. 8	+1,455	−14,2	+ 0,06	− 0,4	+3	0
18	+1,312	−14,1	− 0,12	− 3,2	+3	0
28	+1,173	−13,4	− 0,58	− 6,1	+3	+1
Sept. 7	+1,045	−11,9	− 1,33	− 9,0	+2	+1
17	+0,935	− 9,7	− 2,37	−11,9	+2	+2
27	+0,851	− 6,8	− 3,71	−14,8	+2	+2
Oct. 7	+0,799	− 3,2	− 5,33	−17,6	+1	+2
17	+0,787	+ 1,0	− 7,23	−20,2	+1	+3
27	+0,819	+ 5,7	− 9,37	−22,6	0	+3
Nov. 6	+0,900	+10,6	−11,74	−24,6	0	+4
16	+1,031	+15,5	−14,29	−26,2	−1	+4
26	+1,210	+20,2	−16,97	−27,1	−1	+4
Dec. 6	+1,435	+24,5	−19,71	−27,4	−2	+4
16	+1,700	+28,1	−22,45	−26,9	−2	+5
26	+1,996	+30,7	−25,09	−25,5	−2	+5
36	+2,314	+32,5	−27,55	−23,4	−3	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	14 6 5,2867	+20 16 56,682
1791	6 8,0186	16 37,609
1792	6 10,7505	16 18,538
1793	6 13,4824	15 59,470
1794	6 16,2144	15 40,403
1795	6 18,9464	15 21,339
1796	6 21,6784	15 2,277
1797	6 24,4104	14 43,216
1798	6 27,1424	14 24,158
1799	6 29,8744	14 5,102
1800	6 32,6064	13 46,049
1801	6 35,3384	13 26,997
1802	6 38,0705	13 7,948
1803	6 40,8026	12 48,901
1804	6 43,5347	12 29,856
1805	6 46,2667	12 10,813
1806	6 48,9988	11 51,772
1807	6 51,7309	11 32,734
1808	6 54,4630	11 13,698
1809	6 57,1951	10 54,664
1810	6 59,9274	10 35,632

Diei reducto addendum est:

ante } Oct. 26 { + 1
post } Oct. 26 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. 1 α *Librae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	14 39 6,863	— 15 6 49,59	1800	Jan. 0	14 39 38,219	—15 9 26,59
	Apr. 10	6,798	48,87		Apr. 10	38,300	27,26
	Jul. 19	6,726	48,16		Jul. 19	38,385	27,90
	Oct. 27	6,647	47,46		Oct. 27	38,474	28,50
	Dec. 66	6,561	46,78		Dec. 66	38,568	29,08
1791	Jan. 0	14 39 9,885	— 15 7 2,50	1801	Jan. 0	14 39 41,833	—15 9 44,36
	Apr. 10	9,796	1,83		Apr. 10	41,929	44,91
	Jul. 19	9,702	1,20		Jul. 19	42,026	45,42
	Oct. 27	9,605	0,60		Oct. 27	42,124	45,89
	Dec. 66	9,504	0,03		Dec. 66	42,224	46,31
1792	Jan. 1	14 39 12,833	— 15 7 15,71	1802	Jan. 0	14 39 45,487	—15 10 1,64
	Apr. 10	12,730	15,17		Apr. 10	45,587	2,03
	Jul. 19	12,626	14,69		Jul. 19	45,686	2,36
	Oct. 27	12,522	14,26		Oct. 27	45,784	2,63
	Dec. 66	12,417	13,88		Dec. 66	45,880	2,85
1793	Jan. 0	14 39 15,744	— 15 7 29,49	1803	Jan. 0	14 39 49,145	—15 10 18,24
	Apr. 10	15,642	29,15		Apr. 10	49,239	18,42
	Jul. 19	15,542	28,88		Jul. 19	49,329	18,53
	Oct. 27	15,444	28,67		Oct. 27	49,415	18,58
	Dec. 66	15,348	28,53		Dec. 66	49,497	18,58
1794	Jan. 0	14 39 18,674	— 15 7 44,06	1804	Jan. 1	14 39 52,767	—15 10 34,04
	Apr. 10	18,581	43,96		Apr. 10	52,845	33,99
	Jul. 19	18,494	43,92		Jul. 19	52,917	33,87
	Oct. 27	18,413	43,96		Oct. 27	52,982	33,70
	Dec. 66	18,338	44,06		Dec. 66	53,040	33,46
1795	Jan. 0	14 39 21,658	— 15 7 59,51	1805	Jan. 0	14 39 56,319	—15 10 49,00
	Apr. 10	21,587	59,66		Apr. 10	56,372	48,72
	Jul. 19	21,525	59,87		Jul. 19	56,417	48,38
	Oct. 27	21,470	8 0,14		Oct. 27	56,454	47,99
	Dec. 66	21,424	0,48		Dec. 66	56,482	47,54
1796	Jan. 1	14 39 24,734	— 15 8 15,84	1806	Jan. 0	14 39 59,770	—15 11 3,15
	Apr. 10	24,693	16,21		Apr. 10	59,792	2,67
	Jul. 19	24,662	16,64		Jul. 19	59,805	2,14
	Oct. 27	24,640	17,11		Oct. 27	59,808	1,57
	Dec. 66	24,627	17,64		Dec. 66	59,802	0,96
1797	Jan. 0	14 39 27,926	— 15 8 32,94	1807	Jan. 0	14 40 3,102	—15 11 16,62
	Apr. 10	27,919	33,49		Apr. 10	3,089	15,99
	Jul. 19	27,922	34,08		Jul. 19	3,067	15,33
	Oct. 27	27,934	34,70		Oct. 27	3,035	14,65
	Dec. 66	27,955	35,35		Dec. 66	2,996	13,94
1798	Jan. 0	14 39 31,243	— 15 8 50,61	1808	Jan. 1	14 40 6,307	—15 11 29,62
	Apr. 10	31,270	51,27		Apr. 10	6,261	28,91
	Jul. 19	31,306	51,95		Jul. 19	6,206	28,20
	Oct. 27	31,350	52,64		Oct. 27	6,143	27,48
	Dec. 66	31,402	53,35		Dec. 66	6,072	26,76
1799	Jan. 0	14 39 34,680	— 15 9 8,59	1809	Jan. 0	14 40 9,394	—15 11 42,44
	Apr. 10	34,738	9,29		Apr. 10	9,318	41,73
	Jul. 19	34,802	9,99		Jul. 19	9,237	41,04
	Oct. 27	34,872	10,67		Oct. 27	9,150	40,37
	Dec. 66	34,949	11,35		Dec. 66	9,057	39,72

Tabulae X. Sect. III. 1 *α Librae.*

	1800		1800		Var. 10 annor.	
Jan. 0	−0″,681	+31,7	+ 3″,42	−15,4	−3	+1
10	−0,355	+32,9	+ 1,82	−16,3	−3	+1
20	−0,023	+33,2	+ 0,16	−16,8	−3	+2
30	+0,303	+32,7	− 1,53	−16,6	−3	+2
Febr. 9	+0,630	+31,3	− 3,16	−15,9	−3	+2
19	+0,934	+29,3	− 4,71	−14,8	−3	+2
Mart. 1	+1,215	+26,9	− 6,12	−13,3	−2	+2
11	+1,471	+24,2	− 7,36	−11,6	−2	+3
21	+1,699	+21,4	− 8,43	− 9,8	−1	+3
31	+1,898	+18,5	− 9,31	− 8,0	−1	+3
Apr. 10	+2,068	+15,6	−10,02	− 6,2	0	+2
20	+2,209	+12,7	−10,54	− 4,5	0	+2
30	+2,321	+ 9,8	−10,92	− 3,1	+1	+2
Maj. 10	+2,405	+ 7,1	−11,15	− 1,8	+1	+2
20	+2,462	+ 4,4	−11,27	− 0,7	+2	+2
30	+2,492	+ 1,7	−11,28	+ 0,4	+2	+2
Jun. 9	+2,495	− 1,2	−11,20	+ 1,2	+3	+2
19	+2,470	− 3,7	−11,04	+ 2,0	+3	+1
29	+2,421	− 6,2	−10,81	+ 2,7	+4	+1
Jul. 9	+2,347	− 8,6	−10,51	+ 3,3	+4	+1
19	+2,250	−10,6	−10,15	+ 3,9	+4	+1
29	+2,135	−12,2	− 9,73	+ 4,4	+4	+1
Aug. 8	+2,006	−13,4	− 9,27	+ 4,8	+4	0
18	+1,863	−13,9	− 8,77	+ 5,1	+4	0
28	+1,728	−13,8	− 8,25	+ 5,2	+4	0
Sept. 7	+1,593	−12,8	− 7,73	+ 5,1	+3	0
17	+1,473	−10,9	− 7,24	+ 4,6	+3	0
27	+1,376	− 8,2	− 6,82	+ 3,7	+3	0
Oct. 7	+1,310	− 4,7	− 6,50	+ 2,5	+2	0
17	+1,282	− 0,5	− 6,32	+ 0,9	+2	+1
27	+1,301	+ 4,3	− 6,32	− 1,0	+1	+1
Nov. 6	+1,368	+ 9,3	− 6,52	− 3,2	+1	+1
16	+1,487	+14,4	− 6,96	− 5,7	0	+2
26	+1,656	+19,3	− 7,65	− 8,1	0	+2
Dec. 6	+1,872	+23,7	− 8,58	−10,5	−1	+3
16	+2,130	+27,5	− 9,74	−12,7	−1	+3
26	+2,421	+30,3	−11,11	−14,5	−1	+4
36	+2,736	+32,3	−12,64	−15,8	−2	+4

	A. R. med.	Decl. med.
1790	14ʰ 39′ 5″,9618	−15° 6′ 49″,733
1791	39 9,2565	7 5,228
1792	39 12,5513	7 20,722
1793	39 15,8463	7 36,212
1794	39 19,1414	7 51,699
1795	39 22,4367	8 7,183
1796	39 25,7321	8 22,664
1797	39 29,0277	8 38,142
1798	39 32,3235	8 53,616
1799	39 35,6194	9 9,088
1800	39 38,9155	9 24,556
1801	39 42,2117	9 40,021
1802	39 45,5081	9 55,486
1803	39 48,8046	10 10,943
1804	39 52,1013	10 26,399
1805	39 55,3982	10 41,851
1806	39 58,6952	10 57,301
1807	40 1,9924	11 12,748
1808	40 5,2897	11 28,191
1809	40 8,5872	11 43,632
1810	40 11,8848	11 59,069

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. 2*α Librae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	14 39 18,166	—15 9 32,26	1800	Jan. 0	14 39 49,540	—15 12 8,98
	Apr. 10	18,100	31,54		Apr. 10	49,621	9,64
	Jul. 19	18,028	30,83		Jul. 19	49,706	10,28
	Oct. 27	17,949	30,13		Oct. 27	49,796	10,89
	Dec. 66	17,864	29,45		Dec. 66	49,890	11,47
1791	Jan. 0	14 39 21,190	—15 9 45,14	1801	Jan. 0	14 39 53,156	—15 12 26,72
	Apr. 10	21,100	44,47		Apr. 10	53,252	27,27
	Jul. 19	21,007	43,84		Jul. 19	53,349	27,78
	Oct. 27	20,909	43,24		Oct. 27	53,448	28,25
	Dec. 66	20,808	42,67		Dec. 66	53,548	28,67
1792	Jan. 1	14 39 24,139	—15 9 58,32	1802	Jan. 0	14 39 56,813	—15 12 43,96
	Apr. 10	24,036	57,78		Apr. 10	56,913	44,35
	Jul. 19	23,933	57,30		Jul. 19	57,012	44,68
	Oct. 27	23,829	56,87		Oct. 27	57,110	44,95
	Dec. 66	23,724	56,49		Dec. 66	57,206	45,17
1793	Jan. 0	14 39 27,055	—15 10 12,07	1803	Jan. 0	14 40 0,472	—15 13 0,53
	Apr. 10	26,951	11,73		Apr. 10	0,567	0,71
	Jul. 19	26,850	11,46		Jul. 19	0,657	0,82
	Oct. 27	26,752	11,25		Oct. 27	0,743	0,88
	Dec. 66	26,656	11,11		Dec. 66	0,825	0,87
1794	Jan. 0	14 39 29,984	—15 10 26,61	1804	Jan. 1	14 40 4,096	—15 13 16,30
	Apr. 10	29,891	26,51		Apr. 10	4,174	16,25
	Jul. 19	29,804	26,48		Jul. 19	4,246	16,13
	Oct. 27	29,723	26,52		Oct. 27	4,311	15,95
	Dec. 66	29,648	26,62		Dec. 66	4,370	15,71
1795	Jan. 0	14 39 32,970	—15 10 42,03	1805	Jan. 0	14 40 7,650	—15 13 31,22
	Apr. 10	32,899	42,18		Apr. 10	7,704	30,94
	Jul. 19	32,836	42,39		Jul. 19	7,749	30,61
	Oct. 27	32,782	42,66		Oct. 27	7,785	30,22
	Dec. 66	32,736	43,00		Dec. 66	7,813	29,77
1796	Jan. 1	14 39 36,047	—15 10 58,34	1806	Jan. 0	14 40 11,104	—15 13 45,34
	Apr. 10	36,007	58,71		Apr. 10	11,126	44,86
	Jul. 19	35,976	59,14		Jul. 19	11,138	44,34
	Oct. 27	35,953	59,62		Oct. 27	11,141	43,77
	Dec. 66	35,940	11 0,14		Dec. 66	11,135	43,16
1797	Jan. 0	14 39 39,241	—15 11 15,41	1807	Jan. 0	14 40 14,438	—15 13 58,78
	Apr. 10	39,234	15,96		Apr. 10	14,425	58,15
	Jul. 19	39,237	16,55		Jul. 19	14,403	57,49
	Oct. 27	39,249	17,17		Oct. 27	14,372	56,81
	Dec. 66	39,271	17,82		Dec. 66	14,331	56,11
1798	Jan. 0	14 39 42,560	—15 11 33,05	1808	Jan. 1	14 40 17,645	—15 14 11,76
	Apr. 10	42,587	33,72		Apr. 10	17,598	11,04
	Jul. 19	42,623	34,40		Jul. 19	17,544	10,33
	Oct. 27	42,667	35,09		Oct. 27	17,481	9,61
	Dec. 66	42,720	35,80		Dec. 66	17,410	8,89
1799	Jan. 0	14 39 45,999	—15 11 51,00	1809	Jan. 0	14 40 20,734	—15 14 24,54
	Apr. 10	46,057	51,70		Apr. 10	20,658	23,83
	Jul. 19	46,121	52,40		Jul. 19	20,577	23,14
	Oct. 27	46,192	53,09		Oct. 27	20,490	22,47
	Dec. 66	46,269	53,77		Dec. 66	20,397	21,82

Tabulae X. Sect. III. 2α *Librae.*

	1800		1800		Var. 10 annor.	
Jan. 0	−0″,632	+31,7	+ 3″,43	−15,4	−3	+1
10	−0,357	+32,9	+ 1,84	−16,3	−3	+1
20	−0,024	+33,3	+ 0,17	−16,8	−3	+2
30	+0,308	+32,7	− 1,51	−16,6	−3	+2
Febr. 9	+0,629	+31,3	− 3,14	−15,9	−3	+2
19	+0,933	+29,3	− 4,69	−14,8	−3	+2
Mart. 1	+1,215	+26,9	− 6,10	−13,3	−2	+2
11	+1,471	+24,2	− 7,35	−11,6	−2	+3
21	+1,699	+21,4	− 8,42	− 9,8	−1	+3
31	+1,899	+18,5	− 9,30	− 7,9	−1	+3
Apr. 10	+2,069	+15,6	−10,00	− 6,2	0	+2
20	+2,210	+12,7	−10,53	− 4,5	0	+2
30	+2,322	+ 9,9	−10,90	− 3,1	+1	+2
Maj. 10	+2,407	+ 7,1	−11,14	− 1,8	+1	+2
20	+2,464	+ 4,4	−11,26	− 0,7	+2	+2
30	+2,494	+ 1,6	−11,27	+ 0,4	+2	+2
Jun. 9	+2,496	− 1,1	−11,19	+ 1,2	+3	+2
19	+2,472	− 3,7	−11,03	+ 2,0	+3	+1
29	+2,423	− 6,2	−10,80	+ 2,7	+4	+1
Jul. 9	+2,349	− 8,5	−10,50	+ 3,3	+4	+1
19	+2,253	−10,6	−10,14	+ 3,9	+4	+1
29	+2,137	−12,3	− 9,73	+ 4,4	+4	+1
Aug. 8	+2,008	−13,4	− 9,26	+ 4,9	+4	0
18	+1,870	−13,9	− 8,76	+ 5,1	+4	0
28	+1,730	−13,8	− 8,25	+ 5,2	+4	0
Sept. 7	+1,595	−12,8	− 7,73	+ 5,1	+3	0
17	+1,475	−10,9	− 7,24	+ 4,6	+3	0
27	+1,377	− 8,2	− 6,81	+ 3,8	+3	0
Oct. 7	+1,311	− 4,7	− 6,49	+ 2,5	+2	0
17	+1,234	− 0,5	− 6,31	+ 1,0	+2	+1
27	+1,302	+ 4,3	− 6,30	− 1,0	+1	+1
Nov. 6	+1,369	+ 9,3	− 6,50	− 3,2	+1	+1
16	+1,488	+14,4	− 6,94	− 5,6	0	+2
26	+1,657	+19,3	− 7,62	− 8,1	0	+2
Dec. 6	+1,873	+23,7	− 8,55	−10,5	−1	+3
16	+2,131	+27,5	− 9,71	−12,6	−1	+3
26	+2,422	+30,3	−11,07	−14,4	−1	+4
36	+2,737	+32,3	−12,59	−15,8	−2	+4

	A. R. med.	Decl. med.
1790	14ʰ 39′ 17″,2640	− 15° 9′ 32″,408
1791	39 20,5606	9 47,875
1792	39 23,8574	10 3,339
1793	39 27,1543	10 18,800
1794	39 30,4514	10 34,257
1795	39 33,7487	10 49,710
1796	39 37,0461	11 5,161
1797	39 40,3437	11 20,609
1798	39 43,6414	11 36,054
1799	39 46,9393	11 51,496
1800	39 50,2372	12 6,935
1801	39 53,5354	12 22,371
1802	39 56,8337	12 37,803
1803	40 0,1322	12 53,232
1804	40 3,4308	13 8,658
1805	40 6,7296	13 24,081
1806	40 10,0285	13 39,501
1807	40 13,3276	13 54,918
1808	40 16,6269	14 10,332
1809	40 19,9263	14 25,742
1810	40 23,2259	14 41,149

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Coronae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	15 25 48,556	+27 25 52,00	1800	Jan. 0	15 26 13,126	+27 23 41,08
	Apr. 10	48,487	52,74		Apr. 10	13,202	40,43
	Jul. 19	48,415	53,46		Jul. 19	13,278	39,83
	Oct. 27	48,339	54,15		Oct. 27	13,355	39,26
	Dec. 66	48,260	54,81		Dec. 66	13,433	38,74
1791	Jan. 0	15 25 50,823	+27 25 42,02	1801	Jan. 0	15 26 15,943	+27 23 26,37
	Apr. 10	50,743	42,66		Apr. 10	16,021	25,88
	Jul. 19	50,662	43,25		Jul. 19	16,098	25,44
	Oct. 27	50,581	43,79		Oct. 27	16,174	25,06
	Dec. 66	50,499	44,28		Dec. 66	16,249	24,74
1792	Jan. 1	15 25 53,062	+27 25 31,56	1802	Jan. 0	15 26 18,760	+27 23 12,30
	Apr. 10	52,980	32,01		Apr. 10	18,833	12,02
	Jul. 19	52,901	32,40		Jul. 19	18,903	11,80
	Oct. 27	52,823	32,73		Oct. 27	18,970	11,64
	Dec. 66	52,748	33,00		Dec. 66	19,033	11,55
1793	Jan. 0	15 25 55,309	+27 25 20,35	1803	Jan. 0	15 26 21,548	+27 22 59,04
	Apr. 10	55,236	20,57		Apr. 10	21,609	58,99
	Jul. 19	55,167	20,72		Jul. 19	21,664	59,01
	Oct. 27	55,103	20,80		Oct. 27	21,714	59,10
	Dec. 66	55,043	20,80		Dec. 66	21,759	59,25
1794	Jan. 0	15 25 57,598	+27 25 8,24	1804	Jan. 1	15 26 24,280	+27 22 46,66
	Apr. 10	57,542	8,20		Apr. 10	24,321	46,86
	Jul. 19	57,493	8,09		Jul. 19	24,356	47,12
	Oct. 27	57,449	7,91		Oct. 27	24,384	47,44
	Dec. 66	57,412	7,65		Dec. 66	24,406	47,83
1795	Jan. 0	15 25 59,960	+27 24 55,18	1805	Jan. 0	15 26 26,935	+27 22 35,16
	Apr. 10	59,927	54,88		Apr. 10	26,952	35,58
	Jul. 19	59,902	54,53		Jul. 19	26,962	36,06
	Oct. 27	59,884	54,11		Oct. 27	26,965	36,59
	Dec. 66	59,874	53,63		Dec. 66	26,960	37,17
1796	Jan. 1	15 26 2,413	+27 24 41,24	1806	Jan. 0	15 26 29,498	+27 22 24,44
	Apr. 10	2,407	40,72		Apr. 10	29,488	25,05
	Jul. 19	2,409	40,16		Jul. 19	29,471	25,69
	Oct. 27	2,419	39,56		Oct. 27	29,447	26,36
	Dec. 66	2,436	38,92		Dec. 66	29,416	27,07
1797	Jan. 0	15 26 4,964	+27 24 26,58	1807	Jan. 0	15 26 31,964	+27 22 14,31
	Apr. 10	4,986	25,92		Apr. 10	31,928	15,04
	Jul. 19	5,015	25,23		Jul. 19	31,886	15,78
	Oct. 27	5,050	24,52		Oct. 27	31,838	16,53
	Dec. 66	5,091	23,78		Dec. 66	31,783	17,29
1798	Jan. 0	15 26 7,612	+27 24 11,47	1808	Jan. 1	15 26 34,333	+27 22 4,51
	Apr. 10	7,658	10,73		Apr. 10	34,280	5,28
	Jul. 19	7,709	9,99		Jul. 19	34,217	6,03
	Oct. 27	7,765	9,25		Oct. 27	34,149	6,77
	Dec. 66	7,826	8,51		Dec. 66	34,077	7,49
1799	Jan. 0	15 26 10,341	+27 23 56,21	1809	Jan. 0	15 26 36,638	+27 21 54,74
	Apr. 10	10,405	55,47		Apr. 10	36,564	55,45
	Jul. 19	10,472	54,76		Jul. 19	36,487	56,12
	Oct. 27	10,542	54,07		Oct. 27	36,409	56,76
	Dec. 66	10,615	53,40		Dec. 66	36,328	57,37

Tabulae X. Sect. III. *α Coronae.*

	1800		1800		Var. 10 annor.	
Jan. 0	−1″,014	+28,0	−7″,77	−27,5	−2	+2
10	−0,719	+30,6	−10,40	−24,8	−2	+2
20	−0,403	+32,2	−12,72	−21,3	−2	+2
30	−0,075	+32,9	−14,66	−17,2	−3	+2
Febr. 9	+0,254	+32,7	−16,15	−12,4	−3	+1
19	+0,578	+31,7	−17,14	−7,3	−3	+1
Mart. 1	+0,887	+29,9	−17,61	−2,1	−3	+1
11	+1,176	+27,7	−17,55	+3,1	−3	0
21	+1,440	+25,0	−17,00	+7,8	−2	0
31	+1,676	+22,1	−15,99	+12,1	−2	0
Apr. 10	+1,881	+18,9	−14,58	+15,7	−2	0
20	+2,054	+15,6	−12,85	+18,6	−1	−1
30	+2,193	+12,3	−10,87	+20,6	−1	−1
Maj. 10	+2,299	+8,9	−8,74	+21,8	0	−1
20	+2,371	+5,6	−6,52	+22,2	0	−1
30	+2,410	+2,2	−4,31	+21,8	+1	−1
Jun. 9	+2,415	−1,2	−2,17	+20,7	+1	−1
19	+2,387	−4,4	−0,18	+19,0	+1	0
29	+2,328	−7,5	+1,62	+16,8	+2	0
Jul. 9	+2,238	−10,4	+3,17	+14,1	+2	0
19	+2,121	−12,9	+4,44	+11,2	+2	0
29	+1,980	−15,1	+5,40	+8,0	+2	0
Aug. 8	+1,819	−16,9	+6,03	+4,6	+3	+1
18	+1,643	−18,0	+6,32	+1,1	+3	+1
28	+1,459	−18,5	+6,24	−2,6	+3	+1
Sept. 7	+1,274	−18,1	+5,80	−6,2	+3	+2
17	+1,097	−16,8	+5,00	−9,8	+2	+2
27	+0,938	−14,7	+3,84	−13,4	+2	+3
Oct. 7	+0,803	−11,8	+2,33	−16,8	+2	+3
17	+0,702	−8,0	+0,48	−20,1	+2	+3
27	+0,644	−3,5	−1,69	−23,1	+1	+4
Nov. 6	+0,633	+1,5	−4,13	−25,6	+1	+4
16	+0,674	+6,8	−6,81	−27,6	0	+4
26	+0,768	+12,1	−9,66	−29,1	0	+5
Dec. 6	+0,915	+17,2	−12,68	−29,8	0	+5
16	+1,112	+21,9	−15,62	−29,6	−1	+5
26	+1,352	+25,9	−18,55	−28,6	−1	+5
36	+1,629	+29,1	−21,33	−26,6	−2	+5

	A. R. med.	Decl. med.
1790	15h 25′ 48″,0634	+27° 25′ 50″,268
1791	25 50,5990	25 37,698
1792	25 53,1346	25 25,130
1793	25 55,6702	25 12,565
1794	25 58,2058	25 0,003
1795	26 0,7415	24 47,445
1796	26 3,2772	24 34,889
1797	26 5,8129	24 22,336
1798	26 8,3487	24 9,786
1799	26 10,8845	23 57,239
1800	26 13,4203	23 44,696
1801	26 15,9561	23 32,155
1802	26 18,4919	23 19,617
1803	26 21,0278	23 7,082
1804	26 23,5637	22 54,550
1805	26 26,0996	22 42,021
1806	26 28,6355	22 29,495
1807	26 31,1715	22 16,972
1808	26 33,7075	22 4,452
1809	26 36,2436	21 51,935
1810	26 38,7796	21 39,420

Diei reducto addendum est:

ante } Nov. 15 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Serpentis.*

		h ′ ″	° ′ ″
1790	Jan. 0	15 33 56,760	+ 7 5 52,13
	Apr. 10	56,692	52,87
	Jul. 19	56,618	53,59
	Oct. 27	56,540	54,27
	Dec. 66	56,457	54,93
1791	Jan. 0	15 33 59,432	+ 7 5 42,82
	Apr. 10	59,346	43,45
	Jul. 19	59,258	44,03
	Oct. 27	59,168	44,56
	Dec. 66	59,076	45,04
1792	Jan. 1	15 34 2,054	+ 7 5 32,99
	Apr. 10	1,961	33,43
	Jul. 19	1,868	33,80
	Oct. 27	1,777	34,11
	Dec. 66	1,686	34,36
1793	Jan. 0	15 34 4,663	+ 7 5 22,40
	Apr. 10	4,574	22,60
	Jul. 19	4,489	22,72
	Oct. 27	4,408	22,77
	Dec. 66	4,330	22,75
1794	Jan. 0	15 34 7,303	+ 7 5 10,89
	Apr. 10	7,228	10,82
	Jul. 19	7,160	10,68
	Oct. 27	7,098	10,47
	Dec. 66	7,042	10,19
1795	Jan. 0	15 34 10,007	+ 7 4 58,41
	Apr. 10	9,956	58,09
	Jul. 19	9,912	57,70
	Oct. 27	9,877	57,26
	Dec. 66	9,849	56,76
1796	Jan. 1	15 34 12,805	+ 7 4 45,05
	Apr. 10	12,780	44,52
	Jul. 19	12,764	43,94
	Oct 27	12,761	43,32
	Dec. 66	12,766	42,65
1797	Jan. 0	15 34 15,711	+ 7 4 31,01
	Apr. 10	15,720	30,32
	Jul. 19	15,736	29,62
	Oct. 27	15,761	28,89
	Dec. 66	15,793	28,15
1798	Jan. 0	15 34 18,729	+ 7 4 16,53
	Apr. 10	18,767	15,78
	Jul. 19	18,811	15,02
	Oct. 27	18,862	14,27
	Dec. 66	18,920	13,53
1799	Jan. 0	15 34 21,847	+ 7 4 1,91
	Apr. 10	21,909	1,17
	Jul. 19	21,976	0,46
	Oct. 27	22,048	3 59,77
	Dec. 66	22,124	59,11
1800	Jan. 0	15 34 25,045	+ 7 3 47,47
	Apr. 10	25,124	46,83
	Jul. 19	25,206	46,23
	Oct. 27	25,290	45,68
	Dec. 66	25,377	45,17
1801	Jan. 0	15 34 28,296	+ 7 3 33,47
	Apr. 10	28,384	32,99
	Jul. 19	28,472	32,57
	Oct. 27	28,560	32,21
	Dec. 66	28,648	31,90
1802	Jan. 0	15 34 31,566	+ 7 3 20,14
	Apr. 10	31,653	19,88
	Jul. 19	31,738	19,68
	Oct. 27	31,820	19,55
	Dec. 66	31,900	19,48
1803	Jan. 0	15 34 34,821	+ 7 3 7,64
	Apr. 10	34,899	7,62
	Jul. 19	34,972	7,66
	Oct. 27	35,040	7,77
	Dec. 66	35,103	7,95
1804	Jan. 1	15 34 38,030	+ 7 2 56,04
	Apr. 10	38,089	56,26
	Jul. 19	38,142	56,55
	Oct. 27	38,188	56,89
	Dec. 66	38,228	57,30
1805	Jan. 0	15 34 41,164	+ 7 2 45,31
	Apr. 10	41,198	45,76
	Jul. 19	41,225	46,26
	Oct. 27	41,244	46,81
	Dec. 66	41,255	47,41
1806	Jan. 0	15 34 44,200	+ 7 2 35,36
	Apr. 10	44,205	35,79
	Jul. 19	44,202	36,65
	Oct. 27	44,191	37,34
	Dec. 66	44,171	38,06
1807	Jan. 0	15 34 47,127	+ 7 2 25,98
	Apr. 10	47,101	26,72
	Jul. 19	47,068	27,47
	Oct. 27	47,027	28,23
	Dec. 66	46,979	29,00
1808	Jan. 1	15 34 49,944	+ 7 2 16,91
	Apr. 10	49,891	17,68
	Jul. 19	49,831	18,43
	Oct. 27	49,765	19,17
	Dec. 66	49,692	19,90
1809	Jan. 0	15 34 52,665	+ 7 2 7,82
	Apr. 10	52,589	8,53
	Jul. 19	52,509	9,20
	Oct. 27	52,425	9,83
	Dec. 66	52,337	10,43

Tabulae X. Sect. III. *α Serpentis.*

	1800		1800		Var. 10 annor.	
	″		″			
Jan. 0	—0,929	+26,9	— 2,81	—21,6	—2	+1
10	—0,647	+29,1	— 4,93	—20,6	—2	+2
20	—0,348	+30,5	— 6,92	—18,9	—3	+2
30	—0,038	+31,0	— 8,70	—16,5	—3	+2
Febr. 9	+0,272	+30,7	—10,22	—13,6	—3	+2
19	+0,575	+29,7	—11,42	—10,3	—3	+2
Mart. 1	+0,866	+28,3	—12,27	— 6,7	—3	+1
11	+1,140	+26,4	—12,76	— 3,1	—2	+1
21	+1,393	+24,1	—12,88	+ 0,5	—2	+1
31	+1,622	+21,7	—12,66	+ 3,8	—2	+1
Apr. 10	+1,827	+19,2	—12,13	+ 6,7	—1	+1
20	+2,005	+16,5	—11,33	+ 9,1	—1	+1
30	+2,157	+13,8	—10,31	+10,9	0	+1
Maj. 10	+2,280	+11,0	— 9,15	+12,2	0	+1
20	+2,376	+ 8,1	— 7,88	+13,0	+1	+1
30	+2,442	+ 5,1	— 6,56	+13,2	+1	+1
Jun. 9	+2,478	+ 2,2	— 5,25	+12,9	+1	+1
19	+2,485	— 0,8	— 3,98	+12,3	+2	+1
29	+2,462	— 3,8	— 2,80	+11,3	+2	+1
Jul. 9	+2,410	— 6,6	— 1,73	+10,0	+2	+1
19	+2,330	— 9,3	— 0,80	+ 8,5	+3	+1
29	+2,225	—11,6	— 0,03	+ 6,9	+3	+1
Aug. 8	+2,099	—13,5	+ 0,57	+ 5,1	+3	+1
18	+1,956	—14,8	+ 0,98	+ 3,2	+3	+1
28	+1,804	—15,4	+ 1,20	+ 1,2	+3	+1
Sept. 7	+1,648	—15,3	+ 1,21	— 1,0	+3	+2
17	+1,498	—14,3	+ 1,01	— 3,3	+3	+2
27	+1,363	—12,4	+ 0,57	— 5,6	+3	+2
Oct. 7	+1,250	— 9,8	— 0,10	— 7,9	+2	+2
17	+1,168	— 6,2	— 1,01	—10,3	+2	+3
27	+1,126	— 2,0	— 2,16	—12,8	+1	+3
Nov. 6	+1,128	+ 2,6	— 3,56	—15,2	+1	+3
16	+1,178	+ 7,5	— 5,19	—17,3	+1	+4
26	+1,278	+12,5	— 7,02	—19,2	0	+4
Dec. 6	+1,427	+17,2	— 9,02	—20,6	0	+4
16	+1,622	+21,5	—11,14	—21,5	—1	+5
26	+1,856	+25,0	—13,31	—21,7	—1	+5
36	+2,122	+27,9	—15,48	—21,3	—2	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	15 33 56,0639	+ 7 5 50,127
1791	33 59,0109	5 38,234
1792	34 1,9579	5 26,343
1793	34 4,9050	5 14,457
1794	34 7,8521	5 2,574
1795	34 10,7993	4 50,694
1796	34 13,7466	4 38,818
1797	34 16,6939	4 26,946
1798	34 19,6413	4 15,077
1799	34 22,5888	4 3,211
1800	34 25,5363	3 51,349
1801	34 28,4839	3 39,490
1802	34 31,4315	3 27,635
1803	34 34,3792	3 15,784
1804	34 37,3270	3 3,936
1805	34 40,2749	2 52,091
1806	34 43,2228	2 40,250
1807	34 46,1708	2 28,412
1808	34 49,1188	2 16,578
1809	34 52,0668	2 4,747
1810	34 55,0150	1 52,920

Diei reducto addendum est:

ante } Nov. 17 { + 1
post } Nov. 17 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Scorpii.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	16 16 34,446	—25 56 57,98	1800	Jan. 0	16 17 9,263	—25 58 34,23
	Apr. 10	34,373	57,25		Apr. 10	9,353	34,83
	Jul. 19	34,293	56,56		Jul. 19	9,448	35,37
	Oct. 27	34,205	55,91		Oct. 27	9,548	35,86
	Dec. 66	34,110	55,30		Dec. 66	9,652	36,30
1791	Jan. 0	16 16 37,798	—25 57 4,29	1801	Jan. 0	16 17 13,274	—25 58 44,90
	Apr. 10	37,699	3,72		Apr. 10	13,381	45,30
	Jul. 19	37,595	3,21		Jul. 19	13,488	45,63
	Oct. 27	37,487	2,76		Oct. 27	13,597	45,90
	Dec. 66	37,375	2,36		Dec. 66	13,708	46,10
1792	Jan. 1	16 16 41,069	—25 57 11,27	1802	Jan. 0	16 17 17,329	—25 58 54,78
	Apr. 10	40,955	10,93		Apr. 10	17,440	54,94
	Jul. 19	40,840	10,65		Jul. 19	17,549	55,03
	Oct. 27	40,725	10,45		Oct. 27	17,657	55,05
	Dec. 66	40,609	10,32		Dec. 66	17,763	54,99
1793	Jan. 0	16 16 44,304	—25 57 19,13	1803	Jan. 0	16 17 21,386	—25 59 3,75
	Apr. 10	44,189	19,05		Apr. 10	21,490	3,65
	Jul. 19	44,078	19,05		Jul. 19	21,589	3,49
	Oct. 27	43,969	19,11		Oct. 27	21,683	3,25
	Dec. 66	43,864	19,27		Dec. 66	21,773	2,95
1794	Jan. 0	16 16 47,555	—25 57 27,94	1804	Jan. 1	16 17 25,402	—25 59 11,79
	Apr. 10	47,453	28,17		Apr. 10	25,488	11,44
	Jul. 19	47,357	28,46		Jul. 19	25,567	11,03
	Oct. 27	47,268	28,80		Oct. 27	25,638	10,57
	Dec. 66	47,185	29,20		Dec. 66	25,702	10,04
1795	Jan. 0	16 16 50,869	—25 57 37,83	1805	Jan. 0	16 17 29,340	—25 59 18,95
	Apr. 10	50,792	38,28		Apr. 10	29,398	18,39
	Jul. 19	50,723	38,78		Jul. 19	29,447	17,78
	Oct. 27	50,664	39,34		Oct. 27	29,486	17,13
	Dec. 66	50,614	39,95		Dec. 66	29,516	16,44
1796	Jan. 1	16 16 54,286	—25 57 48,50	1806	Jan. 0	16 17 33,166	—25 59 25,39
	Apr. 10	54,242	49,14		Apr. 10	33,189	24,68
	Jul. 19	54,209	49,82		Jul. 19	33,202	23,94
	Oct. 27	54,185	50,53		Oct. 27	33,204	23,19
	Dec. 66	54,172	51,28		Dec. 66	33,197	22,39
1797	Jan. 0	16 16 57,832	—25 57 59,79	1807	Jan. 0	16 17 36,859	—25 59 31,36
	Apr. 10	57,826	58 0,55		Apr. 10	36,844	30,57
	Jul. 19	57,830	1,32		Jul. 19	36,819	29,78
	Oct. 27	57,844	2,10		Oct. 27	36,783	28,99
	Dec. 66	57,869	2,89		Dec. 66	36,737	28,19
1798	Jan. 0	16 17 1,517	—25 58 11,39	1808	Jan. 1	16 17 40,413	—25 59 37,17
	Apr. 10	1,548	12,18		Apr. 10	40,360	36,39
	Jul. 19	1,588	12,95		Jul. 19	40,299	35,63
	Oct. 27	1,638	13,72		Oct. 27	40,228	34,90
	Dec. 66	1,697	14,47		Dec. 66	40,149	34,20
1799	Jan. 0	16 17 5,334	—25 58 22,97	1809	Jan. 0	16 17 43,836	—25 59 43,13
	Apr. 10	5,398	23,71		Apr. 10	43,752	42,46
	Jul. 19	5,470	24,41		Jul. 19	43,660	41,83
	Oct. 27	5,549	25,07		Oct. 27	43,563	41,25
	Dec. 66	5,635	25,68		Dec. 66	43,459	40,72

Tabulae X. Sect. III. *a Scorpii.*

	1800		1800		Var. 10 annor.	
Jan. 0	−1,191"	+27,7	+4,22"	−4,8	−3	−1
10	−0,898	+30,5	+3,66	−6,4	−3	−1
20	−0,581	+32,5	+2,95	−7,7	−3	0
30	−0,248	+33,7	+2,13	−8,6	−4	0
Febr. 9	+0,092	+34,0	+1,23	−9,2	−4	+1
19	+0,432	+33,7	+0,30	−9,3	−4	+1
Mart. 1	+0,766	+32,9	−0,63	−9,2	−3	+2
11	+1,089	+31,5	−1,53	−8,8	−3	+2
21	+1,396	+29,9	−2,38	−8,2	−3	+3
31	+1,686	+28,0	−3,16	−7,5	−2	+3
Apr. 10	+1,955	+25,8	−3,88	−6,9	−2	+3
20	+2,201	+23,4	−4,53	−6,2	−1	+4
30	+2,423	+20,8	−5,12	−5,7	−1	+4
Maj. 10	+2,617	+18,0	−5,66	−5,1	0	+4
20	+2,782	+14,9	−6,14	−4,7	+1	+4
30	+2,915	+11,6	−6,59	−4,3	+1	+4
Jun. 9	+3,013	+8,0	−6,99	−3,9	+2	+4
19	+3,075	+4,3	−7,36	−3,4	+2	+4
29	+3,099	+0,5	−7,67	−2,9	+3	+4
Jul. 9	+3,085	−3,3	−7,93	−2,3	+4	+4
19	+3,034	−7,0	−8,13	−1,6	+4	+4
29	+2,946	−10,4	−8,24	−0,7	+4	+3
Aug. 8	+2,827	−13,2	−8,26	+0,4	+4	+3
18	+2,682	−15,5	−8,17	+1,4	+5	+3
28	+2,517	−17,0	−7,98	+2,5	+5	+2
Sept. 7	+2,342	−17,6	−7,68	+3,6	+5	+2
17	+2,166	−17,2	−7,27	+4,5	+4	+2
27	+1,999	−15,6	−6,79	+5,1	+4	+2
Oct. 7	+1,854	−13,0	−6,25	+5,6	+4	+1
17	+1,739	−9,5	−5,68	+5,6	+3	+1
27	+1,664	−5,1	−5,13	+5,2	+3	+1
Nov. 6	+1,637	−0,1	−4,64	+4,4	+2	+1
16	+1,663	+5,4	−4,25	+3,3	+2	+2
26	+1,744	+10,8	−3,99	+1,8	+1	+2
Dec. 6	+1,879	+16,2	−3,89	+0,1	0	+2
16	+2,067	+21,1	−3,98	−1,9	0	+3
26	+2,301	+25,4	−4,26	−3,7	−1	+3
36	+2,574	+28,8	−4,72	−5,4	−1	+4

	A. R. med.	Decl. med.
1790	16h 16' 33",4557	−25° 57' 1",356
1791	16 37,1119	57 10,148
1792	16 40,7683	57 18,935
1793	16 44,4248	57 27,717
1794	16 48,0815	57 36,494
1795	16 51,7384	57 45,266
1796	16 55,3954	57 54,034
1797	16 59,0526	58 2,796
1798	17 2,7099	58 11,554
1799	17 6,3674	58 20,307
1800	17 10,0250	58 29,055
1801	17 13,6828	58 37,798
1802	17 17,3408	58 46,537
1803	17 20,9989	58 55,270
1804	17 24,6572	59 3,999
1805	17 28,3156	59 12,723
1806	17 31,9742	59 21,442
1807	17 35,6329	59 30,156
1808	17 39,2918	59 38,865
1809	17 42,9509	59 47,570
1810	17 46,6100	59 56,269

Diei reducto addendum est:

ante	Nov. 27	+ 1
post	Nov. 27	+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Herculis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	17 5 5,387	+14 38 35,40	1800	Jan. 0	17 5 31,572	+14 37 37,08
	Apr. 10	5,324	36,08		Apr. 10	31,645	36,56
	Jul. 19	5,256	36,71		Jul. 19	31,721	36,10
	Oct. 27	5,183	37,29		Oct. 27	31,799	35,70
	Dec. 66	5,106	37,82		Dec. 66	31,880	35,36
1791	Jan. 0	17 5 7,862	+14 38 32,92	1801	Jan. 0	17 5 34,583	+14 37 30,78
	Apr. 10	7,782	33,40		Apr. 10	34,664	30,49
	Jul. 19	7,700	33,82		Jul. 19	34,745	30,27
	Oct. 27	7,616	34,17		Oct. 27	34,827	30,12
	Dec. 66	7,530	34,45		Dec. 66	34,910	30,04
1792	Jan. 1	17 5 10,289	+14 38 29,64	1802	Jan. 0	17 5 37,612	+14 37 25,37
	Apr. 10	10,202	29,86		Apr. 10	37,693	25,34
	Jul. 19	10,116	30,01		Jul. 19	37,772	25,38
	Oct. 27	10,031	30,08		Oct. 27	37,849	25,49
	Dec. 66	9,947	30,08		Dec. 66	37,924	25,68
1793	Jan. 0	17 5 12,705	+14 38 25,37	1803	Jan. 0	17 5 40,629	+14 37 20,93
	Apr. 10	12,622	25,31		Apr. 10	40,701	21,16
	Jul. 19	12,542	25,18		Jul. 19	40,769	21,46
	Oct. 27	12,466	24,97		Oct. 27	40,833	21,82
	Dec. 66	12,394	24,69		Dec. 66	40,892	22,25
1794	Jan. 0	17 5 15,147	+14 38 20,07	1804	Jan. 1	17 5 43,602	+14 37 17,43
	Apr. 10	15,078	19,74		Apr. 10	43,658	17,90
	Jul. 19	15,014	19,34		Jul. 19	43,707	18,43
	Oct. 27	14,956	18,87		Oct. 27	43,750	19,01
	Dec. 66	14,903	18,34		Dec. 66	43,788	19,64
1795	Jan. 0	17 5 17,650	+14 38 13,81	1805	Jan. 0	17 5 46,506	+14 37 14,75
	Apr. 10	17,602	13,24		Apr. 10	46,539	15,41
	Jul. 19	17,561	12,63		Jul. 19	46,564	16,11
	Oct. 27	17,627	11,96		Oct. 27	46,582	16,85
	Dec. 66	17,501	11,25		Dec. 66	46,592	17,62
1796	Jan. 1	17 5 20,239	+14 38 6,79	1806	Jan. 0	17 5 49,319	+14 37 12,69
	Apr. 10	20,217	6,05		Apr. 10	49,324	13,48
	Jul. 19	20,205	5,29		Jul. 19	49,322	14,28
	Oct. 27	20,199	4,51		Oct. 27	49,312	15,09
	Dec. 66	20,201	3,71		Dec. 66	49,294	15,91
1797	Jan. 0	17 5 22,929	+14 37 59,27	1807	Jan. 0	17 5 52,031	+14 37 10,97
	Apr. 10	22,937	58,46		Apr. 10	52,003	11,79
	Jul. 19	22,952	57,65		Jul. 19	51,977	12,60
	Oct. 27	22,974	56,84		Oct. 27	51,940	13,40
	Dec. 66	23,004	56,03		Dec. 66	51,895	14,18
1798	Jan. 0	17 5 25,723	+14 37 51,60	1808	Jan. 1	17 5 54,641	+14 37 9,26
	Apr. 10	25,757	50,80		Apr. 10	54,592	10,02
	Jul. 19	25,798	50,03		Jul. 19	54,535	10,75
	Oct. 27	25,845	49,28		Oct. 27	54,474	11,43
	Dec. 66	25,899	48,56		Dec. 66	54,407	12,08
1799	Jan. 0	17 5 28,610	+14 37 44,10	1809	Jan. 0	17 5 57,160	+14 37 7,21
	Apr. 10	28,667	43,40		Apr. 10	57,089	7,82
	Jul. 19	28,729	42,75		Jul. 19	57,015	8,38
	Oct. 27	28,796	42,15		Oct. 27	56,937	8,87
	Dec. 66	28,867	41,59		Dec. 66	56,856	9,30

Tabulae X. Sect. III. *α Herculis.*

	1800		1800		Var. 10 annor.	
Jan. 0	−1,262″	+19,3	− 2,84″	−23,6	−1	+1
10	−1,051	+22,7	− 5,16	−22,6	−1	+1
20	−0,809	+25,4	− 7,36	−21,0	−2	+1
30	−0,543	+27,4	− 9,35	−18,5	−2	+1
Febr. 9	−0,261	+28,8	−11,05	−15,3	−2	+1
19	+0,032	+29,5	−12,40	−11,5	−3	+1
Mart. 1	+0,328	+29,5	−13,34	− 7,3	−3	+1
11	+0,622	+29,1	−13,86	− 3,0	−3	+1
21	+0,909	+28,2	−13,94	+ 1,4	−2	+1
31	+1,186	+27,0	−13,58	+ 5,6	−2	+1
Apr. 10	+1,449	+25,5	−12,82	+ 9,4	−2	+1
20	+1,695	+23,5	−11,70	+12,7	−2	+1
30	+1,919	+21,3	−10,28	+15,4	−1	+1
Maj. 10	+2,120	+18,8	− 8,62	+17,5	−1	+1
20	+2,294	+15,9	− 6,78	+18,9	−1	+1
30	+2,438	+12,8	− 4,85	+19,5	0	+1
Jun. 9	+2,549	+ 9,4	− 2,88	+19,6	0	+1
19	+2,626	+ 5,9	− 0,94	+19,0	+1	+1
29	+2,666	+ 2,1	+ 0,91	+18,9	+1	+1
Jul. 9	+2,668	− 1,7	+ 2,64	+16,5	+1	+1
19	+2,633	− 5,3	+ 4,20	+14,6	+2	+1
29	+2,562	− 8,8	+ 5,55	+12,4	+2	+1
Aug. 8	+2,457	−12,0	+ 6,67	+10,0	+2	+1
18	+2,322	−14,7	+ 7,54	+ 7,4	+2	+2
28	+2,164	−16,7	+ 8,15	+ 4,7	+3	+2
Sept. 7	+1,939	−17,9	+ 8,48	+ 1,9	+3	+2
17	+1,806	−18,3	+ 8,53	− 1,0	+3	+2
27	+1,624	−17,7	+ 8,28	− 4,0	+3	+2
Oct. 7	+1,452	−16,2	+ 7,74	− 6,9	+3	+3
17	+1,300	−13,8	+ 6,90	− 9,9	+2	+3
27	+1,177	−10,5	+ 5,77	−12,8	+2	+3
Nov. 6	+1,091	− 6,4	+ 4,35	−15,6	+2	+4
16	+1,049	− 1,9	+ 2,66	−18,1	+1	+4
26	+1,053	+ 2,9	+ 0,73	−20,3	+1	+4
Dec. 6	+1,106	+ 7,7	− 1,40	−22,0	+1	+4
16	+1,207	+12,5	− 3,67	−23,2	0	+4
26	+1,355	+16,8	− 6,03	−23,6	0	+5
36	+1,543	+20,7	− 8,39	−23,3	−1	+5

	A. R. med.	Decl. med.
1790	17h 5′ 4,7370″	+14° 38′ 30,595″
1791	5 7,4663	38 25,867
1792	5 10,1957	38 21,143
1793	5 12,9251	38 16,423
1794	5 15,6546	38 11,707
1795	5 18,3841	38 6,996
1796	5 21,1137	38 2,288
1797	5 23,8433	37 57,584
1798	5 26,5729	37 52,884
1799	5 29,3025	37 48,187
1800	5 32,0321	37 43,493
1801	5 34,7618	37 38,804
1802	5 37,4916	37 34,119
1803	5 40,2214	37 29,438
1804	5 42,9512	37 24,761
1805	5 45,6810	37 20,087
1806	5 48,4109	37 15,417
1807	5 51,1408	37 10,751
1808	5 53,8708	37 6,090
1809	5 56,6008	37 1,432
1810	5 59,3309	36 56,778

Diei reducto addendum est:

ante } Dec. 9 { + 1
post } Dec. 9 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Ophiuchi.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	17 25 12,312	+12 43 36,53	1800	Jan. 0	17 25 38,920	+12 42 52,10
	Apr. 10	12,249	37,18		Apr. 10	38,994	51,62
	Jul. 19	12,181	37,78		Jul. 19	39,070	51,20
	Oct. 27	12,108	38,32		Oct. 27	39,149	50,85
	Dec. 66	12,031	38,81		Dec. 66	39,230	50,56
1791	Jan. 0	17 25 14,833	+12 43 35,41	1801	Jan. 0	17 25 41,979	+12 42 47,44
	Apr. 10	14,753	35,85		Apr. 10	42,062	47,20
	Jul. 19	14,670	36,22		Jul. 19	42,145	47,03
	Oct. 27	14,586	36,52		Oct. 27	42,228	46,93
	Dec. 66	14,499	36,75		Dec. 66	42,311	46,90
1792	Jan. 1	17 25 17,304	+12 43 33,44	1802	Jan. 0	17 25 45,059	+12 42 43,70
	Apr. 10	17,217	33,61		Apr. 10	45,142	43,72
	Jul. 19	17,130	33,71		Jul. 19	45,223	43,82
	Oct. 27	17,043	33,73		Oct. 27	45,301	43,98
	Dec. 66	16,957	33,67		Dec. 66	45,377	44,22
1793	Jan. 0	17 25 19,762	+12 43 30,46	1803	Jan. 0	17 25 48,128	+12 42 40,94
	Apr. 10	19,677	30,35		Apr. 10	48,202	41,23
	Jul. 19	19,596	30,16		Jul. 19	48,272	41,58
	Oct. 27	19,518	29,90		Oct. 27	48,337	41,99
	Dec. 66	19,444	29,56		Dec. 66	48,399	42,47
1794	Jan. 0	17 25 22,244	+12 43 26,45	1804	Jan. 1	17 25 51,155	+12 42 39,11
	Apr. 10	22,173	26,06		Apr. 10	51,212	39,63
	Jul. 19	22,107	25,61		Jul. 19	51,264	40,20
	Oct. 27	22,047	25,09		Oct. 27	51,309	40,82
	Dec. 66	21,993	24,52		Dec. 66	51,348	41,50
1795	Jan. 0	17 25 24,786	+12 43 21,49	1805	Jan. 0	17 25 54,112	+12 42 38,08
	Apr. 10	24,736	20,87		Apr. 10	54,147	38,78
	Jul. 19	24,694	20,22		Jul. 19	54,174	39,51
	Oct. 27	24,658	19,52		Oct. 27	54,194	40,27
	Dec. 66	24,630	18,78		Dec. 66	54,206	41,07
1796	Jan. 1	17 25 27,415	+12 43 15,81	1806	Jan. 0	17 25 56,979	+12 42 37,62
	Apr. 10	27,392	15,04		Apr. 10	56,986	38,43
	Jul. 19	27,377	14,26		Jul. 19	56,985	39,24
	Oct. 27	27,370	13,46		Oct. 27	56,976	40,06
	Dec. 66	27,371	12,64		Dec. 66	56,960	40,89
1797	Jan. 0	17 25 30,146	+12 43 9,70	1807	Jan. 0	17 25 59,743	+12 42 37,43
	Apr. 10	30,152	8,87		Apr. 10	59,721	38,25
	Jul. 19	30,165	8,05		Jul. 19	59,691	39,06
	Oct. 27	30,186	7,24		Oct. 27	59,654	39,85
	Dec. 66	30,215	6,44		Dec. 66	59,610	40,61
1798	Jan. 0	17 25 32,981	+12 43 3,49	1808	Jan. 1	17 26 2,403	+12 42 37,19
	Apr. 10	33,015	2,70		Apr. 10	2,354	37,93
	Jul. 19	33,055	1,94		Jul. 19	2,299	38,63
	Oct. 27	33,102	1,20		Oct. 27	2,238	39,29
	Dec. 66	33,155	0,50		Dec. 66	2,170	39,91
1799	Jan. 0	17 25 35,912	+12 42 57,52	1809	Jan. 0	17 26 4,970	+12 42 36,54
	Apr. 10	35,969	56,85		Apr. 10	4,899	37,12
	Jul. 19	36,031	56,23		Jul. 19	4,825	37,63
	Oct. 27	36,097	55,66		Oct. 27	4,746	38,08
	Dec. 66	36,168	55,14		Dec. 66	4,664	38,47

Tabulae X. Sect. III. *α Ophiuchi.*

	1800		1800		Var. 10 annor.	
Jan. 0	−1,292″	+17,5	− 2,21″	−22,4	−1	+1
10	−1,098	+21,0	− 4,43	−21,7	−1	+1
20	−0,872	+23,9	− 6,54	−20,3	−2	+1
30	−0,620	+26,2	− 8,48	−18,1	−2	+1
Febr. 9	−0,349	+27,6	−10,15	−15,2	−2	+1
19	−0,065	+28,8	−11,51	−11,7	−2	+1
Mart. 1	+0,226	+29,2	−12,48	− 7,7	−3	+1
11	+0,518	+29,1	−13,04	− 3,5	−3	+1
21	+0,807	+28,6	−13,18	+ 0,8	−2	+1
31	+1,089	+27,7	−12,89	+ 4,8	−2	+1
Apr. 10	+1,360	+26,4	−12,22	+ 8,6	−2	+1
20	+1,616	+24,8	−11,18	+11,9	−2	+1
30	+1,855	+22,8	− 9,84	+14,7	−2	+1
Maj. 10	+2,072	+20,5	− 8,25	+16,8	−1	+1
20	+2,264	+17,8	− 6,48	+18,2	−1	+1
30	+2,427	+14,8	− 4,61	+19,0	0	+1
Jun. 9	+2,559	+11,5	− 2,68	+19,2	0	+1
19	+2,656	+ 7,9	− 0,77	+18,8	0	+1
29	+2,716	+ 4,1	+ 1,07	+17,8	+1	+1
Jul. 9	+2,738	+ 0,2	+ 2,79	+16,5	+1	+1
19	+2,720	− 3,7	+ 4,36	+14,8	+2	+1
29	+2,665	− 7,3	+ 5,74	+12,7	+2	+2
Aug. 8	+2,574	−10,8	+ 6,90	+10,5	+2	+2
18	+2,450	−13,7	+ 7,83	+ 8,0	+2	+2
28	+2,301	−16,0	+ 8,50	+ 5,5	+3	+2
Sept. 7	+2,131	−17,5	+ 8,92	+ 2,8	+3	+2
17	+1,951	−18,2	+ 9,06	+ 0,1	+3	+3
27	+1,768	−18,0	+ 8,93	− 2,7	+3	+3
Oct. 7	+1,592	−16,8	+ 8,52	− 5,6	+3	+3
17	+1,433	−14,6	+ 7,82	− 8,4	+2	+3
27	+1,301	−11,5	+ 6,84	−11,2	+2	+4
Nov. 6	+1,203	− 7,8	+ 5,58	−14,0	+2	+4
16	+1,146	− 3,5	+ 4,05	−16,5	+2	+4
26	+1,134	+ 1,2	+ 2,29	−18,6	+1	+4
Dec. 6	+1,170	+ 6,0	+ 0,33	−20,4	+1	+5
16	+1,253	+10,6	− 1,79	−21,7	0	+5
26	+1,382	+15,0	− 4,01	−22,3	0	+5
36	+1,553	+18,9	− 6,25	−22,2	−1	+5

	A. R. med.	Decl. med.
1790	17ʰ 25′ 11″,6409	+12° 43′ 31″,194
1791	25 14,4168	43 27,952
1792	25 17,1927	43 24,713
1793	25 19,9687	43 21,479
1794	25 22,7448	43 18,248
1795	25 25,5208	43 15,022
1796	25 28,2969	43 11,799
1797	25 31,0730	43 8,581
1798	25 33,8491	43 5,366
1799	25 36,6252	43 2,156
1800	25 39,4014	42 58,949
1801	25 42,1776	42 55,747
1802	25 44,9539	42 52,548
1803	25 47,7302	42 49,354
1804	25 50,5066	42 46,163
1805	25 53,2830	42 42,977
1806	25 56,0594	42 39,794
1807	25 58,8359	42 36,616
1808	26 1,6124	42 33,441
1809	26 4,3889	42 30,271
1810	26 7,1654	42 27,104

Diei reducto addendum est:

ante	Dec. 13	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Lyrae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	18 29 50,333	+38 35 56,97	1800	Jan. 0	18 30 9,673	+38 36 11,24
	Apr. 10	50,292	57,50		Apr. 10	9,723	10,90
	Jul. 19	50,248	57,97		Jul. 19	9,776	10,64
	Oct. 27	50,199	58,36		Oct. 27	9,831	10,44
	Dec. 66	50,146	58,69		Dec. 66	9,838	10,32
1791	Jan. 0	18 29 52,193	+38 36 1,47	1801	Jan. 0	18 30 11,898	+38 36 13,25
	Apr. 10	52,138	1,75		Apr. 10	11,957	13,17
	Jul. 19	52,081	1,95		Jul. 19	12,017	13,17
	Oct. 27	52,021	2,08		Oct. 27	12,077	13,24
	Dec. 66	51,959	2,13		Dec. 66	12,138	13,38
1792	Jan. 1	18 29 54,009	+38 36 5,00	1802	Jan. 0	18 30 14,147	+38 36 16,24
	Apr. 10	53,946	5,00		Apr. 10	14,208	16,43
	Jul. 19	53,883	4,92		Jul. 19	14,268	16,68
	Oct. 27	53,820	4,76		Oct. 27	14,327	17,01
	Dec. 66	53,756	4,53		Dec. 66	14,385	17,41
1793	Jan. 0	18 29 55,807	+38 36 7,50	1803	Jan. 0	18 30 16,396	+38 36 20,18
	Apr. 10	55,744	7,21		Apr. 10	16,453	20,62
	Jul. 19	55,682	6,85		Jul. 19	16,507	21,11
	Oct. 27	55,623	6,43		Oct. 27	16,559	21,66
	Dec. 66	55,565	5,93		Dec. 66	16,608	22,27
1794	Jan. 0	18 29 57,613	+38 36 8,99	1804	Jan. 1	18 30 18,622	+38 36 24,97
	Apr. 10	57,557	8,45		Apr. 10	18,669	25,61
	Jul. 19	57,505	7,86		Jul. 19	18,711	26,29
	Oct. 27	57,456	7,22		Oct. 27	18,750	27,01
	Dec. 66	57,411	6,53		Dec. 66	18,785	27,76
1795	Jan. 0	18 29 59,455	+38 36 9,66	1805	Jan. 0	18 30 20,803	+38 36 30,42
	Apr. 10	59,413	8,94		Apr. 10	20,835	31,20
	Jul. 19	59,376	8,19		Jul. 19	20,861	31,99
	Oct. 27	59,344	7,41		Oct. 27	20,882	32,80
	Dec. 66	59,317	6,61		Dec. 66	20,898	33,62
1796	Jan. 1	18 30 1,355	+38 36 9,77	1806	Jan. 0	18 30 22,923	+38 36 36,26
	Apr. 10	1,331	8,96		Apr. 10	22,935	37,09
	Jul. 19	1,313	8,14		Jul. 19	22,942	37,91
	Oct. 27	1,301	7,32		Oct. 27	22,942	38,72
	Dec. 66	1,295	6,49		Dec. 66	22,937	39,51
1797	Jan. 0	18 30 3,326	+38 36 9,66	1807	Jan. 0	18 30 24,969	+38 36 42,17
	Apr. 10	3,323	8,84		Apr. 10	24,960	41,96
	Jul. 19	3,326	8,04		Jul. 19	24,946	43,71
	Oct. 27	3,335	7,26		Oct. 27	24,926	44,43
	Dec. 66	3,349	6,50		Dec. 66	24,900	45,11
1798	Jan. 0	18 30 5,373	+38 36 9,65	1808	Jan. 1	18 30 26,939	+38 36 47,81
	Apr. 10	5,391	8,92		Apr. 10	26,909	48,46
	Jul. 19	5,414	8,23		Jul. 19	26,875	49,06
	Oct. 27	5,442	7,59		Oct. 27	26,836	49,60
	Dec. 66	5,475	6,99		Dec. 66	26,792	50,08
1799	Jan. 0	18 30 7,493	+38 36 10,08	1809	Jan. 0	18 30 28,836	+38 36 52,85
	Apr. 10	7,529	9,52		Apr. 10	28,789	53,29
	Jul. 19	7,569	9,02		Jul. 19	28,739	53,66
	Oct. 27	7,613	8,59		Oct. 27	28,686	53,95
	Dec. 66	7,660	8,22		Dec. 66	28,629	54,18

Tabulae X. Sect. III. *α Lyrae.*

	1800		1800		Var. 10 annor.	
Jan. 0	−1,701"	+ 8,9	− 0,90"	−31,2	0	+2
10	−1,586	+13,9	− 4,02	−30,8	−1	+2
20	−1,424	+18,4	− 7,05	−29,4	−1	+2
30	−1,218	+22,5	− 9,89	−26,9	−1	+2
Febr. 9	−0,975	+25,9	−12,42	−23,3	−2	+2
19	−0,701	+28,7	−14,54	−18,8	−2	+2
Mart. 1	−0,401	+30,9	−16,17	−13,6	−2	+1
11	−0,083	+32,4	−17,25	− 7,9	−2	+1
21	+0,246	+33,2	−17,75	− 2,0	−2	+1
31	+0,580	+33,3	−17,65	+ 4,0	−2	0
Apr. 10	+0,912	+32,8	−16,96	+ 9,6	−2	0
20	+1,235	+31,6	−15,73	+14,9	−2	0
30	+1,544	+29,8	−13,99	+19,6	−2	0
Maj. 10	+1,830	+27,3	−11,82	+23,5	−2	0
20	+2,089	+24,2	− 9,30	+26,5	−1	0
30	+2,314	+20,6	− 6,52	+28,7	−1	0
Jun. 9	+2,501	+16,5	− 3,56	+30,0	0	0
19	+2,644	+12,0	− 0,52	+30,4	0	0
29	+2,740	+ 7,2	+ 2,52	+30,1	0	0
Jul. 9	+2,787	+ 2,2	+ 5,49	+29,0	+1	0
19	+2,784	− 2,9	+ 8,31	+27,2	+1	0
29	+2,730	− 7,8	+10,92	+24,7	+1	0
Aug. 8	+2,629	−12,3	+13,25	+21,7	+2	+1
18	+2,484	−16,5	+15,26	+18,4	+2	+1
28	+2,299	−20,1	+16,92	+14,6	+2	+1
Sept. 7	+2,083	−22,8	+18,18	+10,5	+2	+1
17	+1,843	−24,7	+19,02	+ 6,2	+2	+2
27	+1,590	−25,6	+19,42	+ 1,8	+2	+2
Oct. 7	+1,332	−25,4	+19,37	− 2,8	+2	+3
17	+1,082	−24,1	+18,86	− 7,4	+2	+3
27	+0,850	−21,9	+17,89	−12,0	+2	+3
Nov. 6	+0,645	−18,7	+16,47	−16,3	+2	+4
16	+0,477	−14,7	+14,63	−20,4	+2	+4
26	+0,352	−10,1	+12,40	−24,1	+1	+4
Dec. 6	+0,276	− 5,0	+ 9,82	−27,1	+1	+5
16	+0,253	+ 0,4	+ 6,98	−29,4	+1	+5
26	+0,283	+ 5,7	+ 3,95	−30,8	0	+5
36	+0,366	+10,8	+ 0,83	−31,2	0	+5

	A. R. med.	Decl. med.
1790	18h 29' 49",7927	+38° 35' 50",226
1791	29 51,8221	35 53,102
1792	29 53,8515	35 55,981
1793	29 55,8809	35 58,863
1794	29 57,9104	36 1,747
1795	29 59,9399	36 4,635
1796	30 1,9694	36 7,526
1797	30 3,9989	36 10,419
1798	30 6,0284	36 13,315
1799	30 8,0579	36 16,214
1800	30 10,0874	36 19,116
1801	30 12,1170	36 22,021
1802	30 14,1466	36 24,929
1803	30 16,1762	36 27,840
1804	30 18,2058	36 30,754
1805	30 20,2354	36 33,671
1806	30 22,2650	36 36,591
1807	30 24,2947	36 39,514
1808	30 26,3244	36 42,440
1809	30 28,3540	36 45,367
1810	30 30,3837	36 48,298

Diei reducto addendum est:

ante } Dec. 28 { + 1
post } Dec. 28 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. γ *Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	19 36 17,179	+ 10 6 54,71	1800	Jan. 0	19 36 44,447	+ 10 8 0,71
	Apr. 10	17,118	55,07		Apr. 10	44,520	0,55
	Jul. 19	17,052	55,36		Jul. 19	44,596	0,46
	Oct. 27	16,981	55,57		Oct. 27	44,675	0,45
	Dec. 66	16,904	55,72		Dec. 66	44,757	0,50
1791	Jan. 0	19 36 19,785	+ 10 7 3,85	1801	Jan. 0	19 36 47,584	+ 10 8 8,69
	Apr. 10	19,705	3,95		Apr. 10	47,668	8,79
	Jul. 19	19,622	3,97		Jul. 19	47,753	8,96
	Oct. 27	19,536	3,90		Oct. 27	47,838	9,20
	Dec. 66	19,448	3,75		Dec. 66	47,924	9,50
1792	Jan. 1	19 36 22,333	+ 10 7 12,01	1802	Jan. 0	19 36 50,750	+ 10 8 17,61
	Apr. 10	22,244	11,82		Apr. 10	50,836	17,95
	Jul. 19	22,154	11,57		Jul. 19	50,921	18,36
	Oct. 27	22,065	11,24		Oct. 27	51,003	18,82
	Dec. 66	21,975	10,84		Dec. 66	51,084	19,35
1793	Jan. 0	19 36 24,860	+ 10 7 19,17	1803	Jan. 0	19 36 53,912	+ 10 8 27,39
	Apr. 10	24,772	18,73		Apr. 10	53,991	27,95
	Jul. 19	24,686	18,23		Jul. 19	54,066	28,55
	Oct. 27	24,603	17,67		Oct. 27	54,137	29,19
	Dec. 66	24,524	17,06		Dec. 66	54,203	29,88
1794	Jan. 0	19 36 27,405	+ 10 7 25,46	1804	Jan. 1	19 36 57,037	+ 10 8 37,87
	Apr. 10	27,328	24,81		Apr. 10	57,101	38,58
	Jul. 19	27,257	24,13		Jul. 19	57,158	39,32
	Oct. 27	27,191	23,41		Oct. 27	57,209	40,08
	Dec. 66	27,131	22,66		Dec. 66	57,254	40,86
1795	Jan. 0	19 36 30,005	+ 10 7 31,11	1805	Jan. 0	19 37 0,095	+ 10 8 48,82
	Apr. 10	29,949	30,34		Apr. 10	0,136	49,61
	Jul. 19	29,900	29,56		Jul. 19	0,169	50,40
	Oct. 27	29,858	28,77		Oct. 27	0,195	51,18
	Dec. 66	29,824	27,96		Dec. 66	0,214	51,97
1796	Jan. 1	19 36 32,690	+ 10 7 36,43	1806	Jan. 0	19 37 3,063	+ 10 8 59,94
	Apr. 10	32,660	35,62		Apr. 10	3,077	9 0,72
	Jul. 19	32,639	34,83		Jul. 19	3,082	1,48
	Oct. 27	32,626	34,06		Oct. 27	3,079	2,21
	Dec. 66	32,621	33,30		Dec. 66	3,067	2,91
1797	Jan. 0	19 36 35,477	+ 10 7 41,75	1807	Jan. 0	19 37 5,927	+ 10 9 10,91
	Apr. 10	35,477	41,00		Apr. 10	5,910	11,59
	Jul. 19	35,485	40,29		Jul. 19	5,886	12,23
	Oct. 27	35,501	39,62		Oct. 27	5,853	12,81
	Dec. 66	35,525	38,98		Dec. 66	5,813	13,35
1798	Jan. 0	19 36 38,371	+ 10 7 47,39	1808	Jan. 1	19 37 8,683	+ 10 9 21,42
	Apr. 10	38,401	46,79		Apr. 10	8,637	21,92
	Jul. 19	38,437	46,24		Jul. 19	8,585	22,35
	Oct. 27	38,480	45,74		Oct. 27	8,527	22,72
	Dec. 66	38,530	45,30		Dec. 66	8,462	23,03
1799	Jan. 0	19 36 41,367	+ 10 7 53,65	1809	Jan. 0	19 37 11,339	+ 10 9 31,18
	Apr. 10	41,421	53,25		Apr. 10	11,270	31,44
	Jul. 19	41,481	52,91		Jul. 19	11,196	31,62
	Oct. 27	41,545	52,64		Oct. 27	11,118	31,73
	Dec. 66	41,615	52,44		Dec. 66	11,036	31,76

Tabulae X. Sect. III. γ *Aquilae.*

	1800		1800		Var. 10 annor.	
Jan. 0	−1″,293	+ 5,2	+ 0″,10	−17,2	+1	+1
10	−1,223	+ 8,9	− 1,64	−17,3	0	+1
20	−1,116	+12,3	− 3,36	−16,9	0	+1
30	−0,977	+15,5	− 5,01	−15,8	−1	+1
Febr. 9	−0,807	+18,4	− 6,51	−13,8	−1	+1
19	−0,609	+21,0	− 7,77	−11,3	−2	+1
Mart. 1	−0,387	+23,3	− 8,76	− 8,2	−2	+1
11	−0,144	+25,2	− 9,40	− 4,6	−2	+1
21	+0,117	+26,8	− 9,67	− 0,8	−2	+1
31	+0,392	+28,0	− 9,56	+ 3,1	−3	0
Apr. 10	+0,677	+28,9	− 9,05	+ 6,9	−3	0
20	+0,969	+29,3	− 8,18	+10,5	−3	0
30	+1,263	+29,2	− 6,96	+13,7	−3	0
Maj. 10	+1,552	+28,4	− 5,45	+16,3	−2	0
20	+1,831	+27,2	− 3,70	+18,5	−2	0
30	+2,095	+25,3	− 1,76	+20,0	−2	+1
Jun. 9	+2,336	+22,8	+ 0,29	+20,8	−1	+1
19	+2,550	+19,7	+ 2,39	+21,0	−1	+1
29	+2,730	+16,1	+ 4,49	+20,8	−1	+1
Jul. 9	+2,872	+12,1	+ 6,54	+19,9	0	+1
19	+2,972	+ 7,8	+ 8,47	+18,5	0	+1
29	+3,028	+ 3,4	+10,26	+17,0	0	+2
Aug. 8	+3,039	− 2,1	+11,86	+15,0	+1	+2
18	+3,007	− 5,2	+13,26	+12,9	+1	+2
28	+2,935	− 9,0	+14,44	+10,6	+2	+2
Sept. 7	+2,827	−12,3	+15,37	+ 8,1	+2	+3
17	+2,690	−14,8	+16,06	+ 5,6	+2	+3
27	+2,531	−16,6	+16,49	+ 3,1	+2	+3
Oct. 7	+2,359	−17,4	+16,67	+ 0,5	+3	+3
17	+2,184	−17,2	+16,59	− 2,1	+3	+4
27	+2,015	−16,2	+16,26	− 4,6	+3	+4
Nov. 6	+1,861	−14,3	+15,67	− 7,2	+2	+4
16	+1,730	−11,7	+14,83	− 9,6	+2	+4
26	+1,628	− 8,5	+13,76	−11,8	+2	+4
Dec. 6	+1,560	− 5,0	+12,47	−13,9	+2	+5
16	+1,529	− 1,2	+10,99	−15,5	+1	+5
26	+1,537	+ 2,8	+ 9,38	−16,6	+1	+5
36	+1,584	+ 6,6	+ 7,67	−17,3	0	+5

	A. R. med.	Decl. med.
1790	19ʰ 36′ 16″,4437	+ 10° 6′ 47″,072
1791	36 19,2989	6 55,247
1792	36 22,1541	7 3,426
1793	36 25,0093	7 11,609
1794	36 27,8645	7 19,796
1795	36 30,7197	7 27,986
1796	36 33,5749	7 36,180
1797	36 36,4301	7 44,378
1798	36 39,2852	7 52,580
1799	36 42,1403	8 0,786
1800	36 44,9954	8 8,995
1801	36 47,8505	8 17,208
1802	36 50,7056	8 25,425
1803	36 53,5607	8 33,646
1804	36 56,4158	8 41,870
1805	36 59,2709	8 50,098
1806	37 2,1260	8 58,330
1807	37 4,9811	9 6,566
1808	37 7,8362	9 14,805
1809	37 10,6912	9 23,048
1810	37 13,5462	9 31,295

Diei reducto addendum est:

ante	Jan. 12	0
post	Jan. 12	+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	19 40 32,868	+ 8 19 40,04	1800	Jan. 0	19 41 0,866	+ 8 20 53,14
	Apr. 10	32,806	40,39		Apr. 10	0,946	52,99
	Jul. 19	32,738	40,67		Jul. 19	1,018	52,92
	Oct. 27	32,665	40,87		Oct. 27	1,099	52,91
	Dec. 66	32,587	41,00		Dec. 66	1,182	52,98
1791	Jan. 0	19 40 35,543	+ 8 19 49,86	1801	Jan. 0	19 41 4,083	+ 8 21 1,87
	Apr. 10	35,462	49,94		Apr. 10	4,168	1,99
	Jul. 19	35,378	49,94		Jul. 19	4,254	2,17
	Oct. 27	35,291	49,87		Oct. 27	4,341	2,42
	Dec. 66	35,201	49,73		Dec. 66	4,428	2,73
1792	Jan. 1	19 40 38,160	+ 8 19 58,68	1802	Jan. 0	19 41 7,328	+ 8 21 11,55
	Apr. 10	38,069	58,48		Apr. 10	7,415	11,90
	Jul. 19	37,978	58,22		Jul. 19	7,500	12,32
	Oct. 27	37,888	57,88		Oct. 27	7,583	12,79
	Dec. 66	37,797	57,47		Dec. 66	7,665	13,32
1793	Jan. 0	19 40 40,756	+ 8 20 6,51	1803	Jan. 0	19 41 10,567	+ 8 21 22,07
	Apr. 10	40,667	6,06		Apr. 10	10,647	22,64
	Jul. 19	40,580	5,56		Jul. 19	10,722	23,24
	Oct. 27	40,497	5,00		Oct. 27	10,794	23,90
	Dec. 66	40,416	4,38		Dec. 66	10,861	24,58
1794	Jan. 0	19 40 43,372	+ 8 20 13,49	1804	Jan. 1	19 41 13,768	+ 8 21 33,29
	Apr. 10	43,294	12,84		Apr. 10	13,832	34,00
	Jul. 19	43,222	12,16		Jul. 19	13,889	34,74
	Oct. 27	43,156	11,44		Oct. 27	13,941	35,49
	Dec. 66	43,095	10,68		Dec. 66	13,986	36,27
1795	Jan. 0	19 40 46,043	+ 8 20 19,84	1805	Jan. 0	19 41 16,901	+ 8 21 44,95
	Apr. 10	45,987	19,07		Apr. 10	16,942	45,74
	Jul. 19	45,938	18,29		Jul. 19	16,975	46,53
	Oct. 27	45,896	17,50		Oct. 27	17,000	47,31
	Dec. 66	45,862	16,70		Dec. 66	17,019	48,09
1796	Jan. 1	19 40 48,801	+ 8 20 25,87	1806	Jan. 0	19 41 19,942	+ 8 21 56,78
	Apr. 10	48,772	25,07		Apr. 10	19,955	57,55
	Jul. 19	48,751	24,29		Jul. 19	19,960	58,30
	Oct. 27	48,738	23,52		Oct. 27	19,957	59,02
	Dec. 66	48,734	22,76		Dec. 66	19,944	59,72
1797	Jan. 0	19 40 51,663	+ 8 20 31,92	1807	Jan. 0	19 41 22,878	+ 8 22 8,44
	Apr. 10	51,664	31,19		Apr. 10	22,860	9,11
	Jul. 19	51,673	30,49		Jul. 19	22,834	9,73
	Oct. 27	51,690	29,83		Oct. 27	22,801	10,31
	Dec. 66	51,715	29,20		Dec. 66	22,760	10,84
1798	Jan. 0	19 40 54,635	+ 8 20 38,32	1808	Jan. 1	19 41 25,703	+ 8 22 19,62
	Apr. 10	54,665	37,72		Apr. 10	25,657	20,11
	Jul. 19	54,702	37,18		Jul. 19	25,604	20,53
	Oct. 27	54,746	36,69		Oct. 27	25,544	20,89
	Dec. 66	54,797	36,26		Dec. 66	25,477	21,19
1799	Jan. 0	19 40 57,708	+ 8 20 45,32	1809	Jan. 0	19 41 28,429	+ 8 22 30,05
	Apr. 10	57,764	44,93		Apr. 10	28,359	30,30
	Jul. 19	57,825	44,61		Jul. 19	28,284	30,47
	Oct. 27	57,891	44,35		Oct. 27	28,204	30,57
	Dec. 66	57,962	44,16		Dec. 66	28,120	30,59

Tabulae X. Sect. III. *α Aquilae.*

	1800		1800		Var. 10 annor.	
Jan. 0	−1,279	+ 5,0	− 0,01	−16,0	+1	+1
10	−1,211	+ 8,7	− 1,63	−16,2	0	+1
20	−1,106	+12,1	− 3,24	−15,8	0	+1
30	−0,969	+15,3	− 4,78	−14,6	−1	+1
Febr. 9	−0,801	+18,2	− 6,16	−12,8	−1	+1
19	−0,606	+20,8	− 7,33	−10,3	−2	+1
Mart. 1	−0,386	+23,1	− 8,22	− 7,3	−2	+1
11	−0,145	+25,0	− 8,79	− 4,0	−2	+1
21	+0,114	+26,7	− 9,01	− 0,3	−3	0
31	+0,389	+28,0	− 8,85	+ 3,5	−3	0
Apr. 10	+0,674	+28,9	− 8,32	+ 7,1	−3	0
20	+0,966	+29,4	− 7,43	+10,5	−3	0
30	+1,261	+29,3	− 6,22	+13,6	−3	0
Maj. 10	+1,552	+28,7	− 4,72	+16,1	−2	0
20	+1,834	+27,5	− 3,00	+18,1	−2	0
30	+2,101	+25,7	− 1,10	+19,5	−2	+1
Jun. 9	+2,347	+23,3	+ 0,90	+20,3	−2	+1
19	+2,566	+20,2	+ 2,95	+20,4	−1	+1
29	+2,751	+16,7	+ 4,98	+20,1	−1	+1
Jul. 9	+2,899	+12,7	+ 6,96	+19,3	0	+1
19	+3,005	+ 8,5	+ 8,83	+18,0	0	+2
29	+3,068	+ 4,1	+10,55	+16,3	0	+2
Aug. 8	+3,086	− 0,4	+12,09	+14,4	+1	+2
18	+3,060	− 4,6	+13,43	+12,3	+1	+2
28	+2,994	− 8,5	+14,55	+10,1	+2	+3
Sept. 7	+2,891	−11,8	+15,44	+ 7,8	+2	+3
17	+2,759	−14,3	+16,10	+ 5,4	+2	+3
27	+2,605	−15,1	+16,51	+ 2,9	+2	+3
Oct. 7	+2,437	−16,9	+16,68	+ 0,5	+3	+4
17	+2,266	−16,9	+16,61	− 1,9	+3	+4
27	+2,100	−15,9	+16,30	− 4,3	+3	+4
Nov. 6	+1,948	−14,1	+15,75	− 6,6	+3	+4
16	+1,818	−11,6	+14,98	− 8,9	+2	+4
26	+1,716	− 8,5	+13,98	−11,0	+2	+4
Dec. 6	+1,649	− 4,9	+12,78	−12,9	+2	+5
16	+1,618	− 1,2	+11,41	−14,4	+1	+5
26	+1,625	+ 2,7	+ 9,90	−15,5	+1	+5
36	+1,671	+ 6,4	+ 8,31	−16,2	0	+5

	A. R. med.	Decl. med.
1790	19h 40′ 32″,1270	+ 8° 19′ 32″,371
1791	40 35,0561	19 41,259
1792	40 37,9852	19 50,151
1793	40 40,9143	19 59,047
1794	40 43,8434	20 7,947
1795	40 46,7724	20 16,851
1796	40 49,7014	20 25,759
1797	40 52,6304	20 34,670
1798	40 55,5593	20 43,585
1799	40 58,4883	20 52,504
1800	41 1,4173	21 1,427
1801	41 4,3463	21 10,354
1802	41 7,2752	21 19,285
1803	41 10,2041	21 28,219
1804	41 13,1330	21 37,157
1805	41 16,0620	21 46,099
1806	41 18,9908	21 55,045
1807	41 21,9197	22 3,995
1808	41 24,8486	22 12,949
1809	41 27,7774	22 21,906
1810	41 30,7062	22 30,867

Diei reducto addendum est:

ante	Jan. 13	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *β Aquilae.*

1790	Jan. 0	19h 45′ 0″,509	+ 5° 53′ 45″,56	1800	Jan. 0	19h 45′ 28″,715	+ 5° 54′ 53″,52
	Apr. 10	0,445	45,90		Apr. 10	28,791	53,39
	Jul. 19	0,376	46,16		Jul. 19	28,871	53,33
	Oct. 27	0,301	46,35		Oct. 27	28,953	53,34
	Dec. 66	0,221	46,47		Dec. 66	29,038	53,41
1791	Jan. 0	19 45 3,199	+ 5 53 54,82	1801	Jan. 0	19 45 31,960	+ 5 55 1,80
	Apr. 10	3,115	54,89		Apr. 10	32,047	1,92
	Jul. 19	3,029	54,88		Jul. 19	32,135	2,11
	Oct. 27	2,940	54,80		Oct. 27	32,223	2,37
	Dec. 66	2,849	54,64		Dec. 66	32,311	2,69
1792	Jan. 1	19 45 5,830	+ 5 54 3,08	1802	Jan. 0	19 45 35,232	+ 5 55 11,00
	Apr. 10	5,738	2,87		Apr. 10	35,319	11,37
	Jul. 19	5,645	2,60		Jul. 19	35,405	11,79
	Oct. 27	5,553	2,25		Oct. 27	35,491	12,27
	Dec. 66	5,461	1,84		Dec. 66	35,575	12,80
1793	Jan. 0	19 45 8,442	+ 5 54 10,37	1803	Jan. 0	19 45 38,498	+ 5 55 21,04
	Apr. 10	8,351	9,91		Apr. 10	38,580	21,61
	Jul. 19	8,263	9,40		Jul. 19	38,655	22,23
	Oct. 27	8,178	8,83		Oct. 27	38,727	22,88
	Dec. 66	8,097	8,20		Dec. 66	38,795	23,57
1794	Jan. 0	19 45 11,075	+ 5 54 16,81	1804	Jan. 1	19 45 41,723	+ 5 55 31,76
	Apr. 10	10,996	16,16		Apr. 10	41,788	32,48
	Jul. 19	10,923	15,47		Jul. 19	41,846	33,22
	Oct. 27	10,856	14,75		Oct. 27	41,898	33,97
	Dec. 66	10,795	13,99		Dec. 66	41,943	34,75
1795	Jan. 0	19 45 13,766	+ 5 54 22,64	1805	Jan. 0	19 45 44,879	+ 5 55 42,92
	Apr. 10	13,709	21,87		Apr. 10	44,920	43,71
	Jul. 19	13,660	21,09		Jul. 19	44,953	44,49
	Oct. 27	13,618	20,30		Oct. 27	44,978	45,27
	Dec. 66	13,584	19,50		Dec. 66	44,995	46,05
1796	Jan. 1	19 45 16,545	+ 5 54 28,16	1806	Jan. 0	19 45 47,941	+ 5 55 54,23
	Apr. 10	16,516	27,37		Apr. 10	47,953	54,99
	Jul. 19	16,496	26,59		Jul. 19	47,956	55,73
	Oct. 27	16,484	25,82		Oct. 27	47,952	56,45
	Dec. 66	16,480	25,07		Dec. 66	47,939	57,14
1797	Jan. 0	19 45 19,431	+ 5 54 33,72	1807	Jan. 0	19 45 50,894	+ 5 56 5,35
	Apr. 10	19,433	32,99		Apr. 10	50,875	6,01
	Jul. 19	19,443	32,30		Jul. 19	50,848	6,62
	Oct. 27	19,461	31,65		Oct. 27	50,813	7,19
	Dec. 66	19,487	31,03		Dec. 66	50,770	7,70
1798	Jan. 0	19 45 22,428	+ 5 54 39,63	1808	Jan. 1	19 45 53,736	+ 5 56 15,98
	Apr. 10	22,460	39,05		Apr. 10	53,688	16,46
	Jul. 19	22,499	38,52		Jul. 19	53,633	16,87
	Oct. 27	22,545	38,05		Oct. 27	53,571	17,21
	Dec. 66	22,597	37,63		Dec. 66	53,503	17,49
1799	Jan. 0	19 45 25,529	+ 5 54 46,17	1809	Jan. 0	19 45 56,477	+ 5 56 25,85
	Apr. 10	25,586	45,79		Apr. 10	56,404	26,09
	Jul. 19	25,649	45,48		Jul. 19	56,327	26,25
	Oct. 27	25,717	45,24		Oct. 27	56,246	26,33
	Dec. 66	25,790	45,06		Dec. 66	56,160	26,34

Tabulae X. Sect. III. *β Aquilae.*

	1800		1800		Var. 10 annor.	
Jan. 0	−1,265″	+ 4,7	− 0,22″	−14,8	+1	+1
10	−1,199	+ 8,4	− 1,72	−14,9	0	+1
20	−1,098	+11,8	− 3,20	−14,5	0	+1
30	−0,964	+14,9	− 4,62	−13,5	−1	+1
Febr. 9	−0,800	+17,8	− 5,89	−11,7	−1	+1
19	−0,609	+20,4	− 6,96	− 9,4	−2	+1
Mart. 1	−0,393	+22,7	− 7,76	− 6,6	−2	+1
11	−0,155	+24,7	− 8,27	− 3,4	−2	+1
21	+0,101	+26,4	− 8,43	+ 0,1	−3	0
31	+0,372	+27,7	− 8,25	+ 3,6	−3	0
Apr. 10	+0,655	+28,7	− 7,71	+ 7,1	−3	0
20	+0,946	+29,3	− 6,83	+10,3	−3	0
30	+1,240	+29,3	− 5,66	+13,1	−3	0
Maj. 10	+1,532	+28,8	− 4,22	+15,5	−2	0
20	+1,816	+27,7	− 2,57	+17,3	−2	0
30	+2,085	+25,9	− 0,77	+18,5	−2	+1
Jun. 9	+2,334	+23,6	+ 1,13	+19,2	−2	+1
19	+2,556	+20,6	+ 3,06	+19,2	−1	+1
29	+2,746	+17,2	+ 4,97	+18,8	−1	+1
Jul. 9	+2,899	+13,2	+ 6,82	+17,9	−1	+1
19	+3,010	+ 9,0	+ 8,55	+16,6	0	+2
29	+3,078	+ 4,6	+10,13	+15,0	0	+2
Aug. 8	+3,101	+ 0,1	+11,54	+13,1	+1	+2
18	+3,080	− 4,1	+12,75	+11,1	+1	+2
28	+3,019	− 8,0	+13,75	+ 9,0	+1	+3
Sept. 7	+2,921	−11,4	+14,54	+ 6,8	+2	+3
17	+2,792	−14,0	+15,10	+ 4,5	+2	+3
27	+2,641	−15,8	+15,44	+ 2,3	+2	+3
Oct. 7	+2,476	−16,7	+15,55	+ 0,1	+2	+3
17	+2,307	−16,7	+15,45	− 2,1	+3	+4
27	+2,142	−15,8	+15,13	− 4,3	+3	+4
Nov. 6	+1,991	−14,1	+14,59	− 6,4	+3	+4
16	+1,861	−11,6	+13,85	− 8,4	+2	+4
26	+1,759	− 8,6	+12,91	−10,3	+2	+4
Dec. 6	+1,690	− 5,1	+11,79	−12,0	+2	+4
16	+1,658	− 1,4	+10,51	−13,4	+1	+4
26	+1,663	+ 2,4	+ 9,11	−14,4	+1	+4
36	+1,706	+ 6,1	+ 7,64	−15,0	0	+4

	A. R. med.	Decl. med.
1790	19ʰ 44′ 59″,7617	+ 5° 53′ 37″,853
1791	45 2,7123	53 46,232
1792	45 5,6629	53 54,615
1793	45 8,6135	54 3,002
1794	45 11,5641	54 11,393
1795	45 14,5148	54 19,787
1796	45 17,4654	54 28,185
1797	45 20,4160	54 36,587
1798	45 23,3665	54 44,992
1799	45 26,3169	54 53,401
1800	45 29,2674	55 1,813
1801	45 32,2179	55 10,230
1802	45 35,1684	55 18,650
1803	45 38,1189	55 27,073
1804	45 41,0693	55 35,500
1805	45 44,0197	55 43,931
1806	45 46,9701	55 52,366
1807	45 49,9205	56 0,804
1808	45 52,8708	56 9,246
1809	45 55,8212	56 17,692
1810	45 58,7716	56 26,142

Diei reducto addendum est:

ante } Jan. 14 { 0
post } Jan. 14 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. 1 *α Capricorni.*

		h ′ ″	° ′ ″
1790	Jan. 0	20 6 0,562	— 13 8 33,35
	Apr. 10	0,483	33,08
	Jul. 19	0,398	32,88
	Oct. 27	0,308	32,75
	Dec. 66	0,213	32,70
1791	Jan. 0	20 6 3,581	— 13 8 22,25
	Apr. 10	3,482	22,24
	Jul. 19	3,382	22,30
	Oct. 27	3,379	22,44
	Dec. 66	3,173	22,66
1792	Jan. 1	20 6 6,544	— 13 8 12,11
	Apr. 10	6,438	12,37
	Jul. 19	6,334	12,70
	Oct. 27	6,230	13,10
	Dec. 66	6,128	13,56
1793	Jan. 0	20 6 9,497	— 13 8 2,93
	Apr. 10	9,397	3,43
	Jul. 19	9,301	3,98
	Oct. 27	9,209	4,57
	Dec. 66	9,122	5,22
1794	Jan. 0	20 6 12,486	— 13 7 54,53
	Apr. 10	12,403	55,21
	Jul. 19	12,327	55,91
	Oct. 27	12,258	56,64
	Dec. 66	12,196	57,40
1795	Jan. 0	20 6 15,551	— 13 7 46,67
	Apr. 10	15,495	47,44
	Jul. 19	15,447	48,21
	Oct. 27	15,409	48,99
	Dec. 66	15,379	49,77
1796	Jan. 1	20 6 18,724	— 13 7 39,03
	Apr. 10	18,701	39,80
	Jul. 19	18,687	40,56
	Oct. 27	18,683	41,29
	Dec. 66	18,688	42,00
1797	Jan. 0	20 6 22,020	— 13 7 31,28
	Apr. 10	22,032	31,97
	Jul. 19	22,053	32,62
	Oct. 27	22,083	33,23
	Dec. 66	22,122	33,80
1798	Jan. 0	20 6 25,443	— 13 7 23,12
	Apr. 10	25,488	23,65
	Jul. 19	25,540	24,13
	Oct. 27	25,600	24,55
	Dec. 66	25,667	24,91
1799	Jan. 0	20 6 28,979	— 13 7 14,30
	Apr. 10	29,051	14,62
	Jul. 19	29,128	14,87
	Oct. 27	29,211	15,05
	Dec. 66	29,299	15,17
1800	Jan. 0	20 6 32,604	— 13 7 4,64
	Apr. 10	32,695	4,71
	Jul. 19	32,789	4,72
	Oct. 27	32,885	4,65
	Dec. 66	32,984	4,52
1801	Jan. 0	20 6 36,286	— 13 6 54,07
	Apr. 10	36,386	53,89
	Jul. 19	36,486	53,65
	Oct. 27	36,586	53,35
	Dec. 66	36,686	52,98
1802	Jan. 0	20 6 39,988	— 13 6 42,60
	Apr. 10	40,086	42,19
	Jul. 19	40,182	41,73
	Oct. 27	40,275	41,22
	Dec. 66	40,365	40,65
1803	Jan. 0	20 6 43,670	— 13 6 30,33
	Apr. 10	43,757	29,73
	Jul. 19	43,839	29,10
	Oct. 27	43,915	28,43
	Dec. 66	43,985	27,72
1804	Jan. 1	20 6 47,297	— 13 6 17,45
	Apr. 10	47,363	16,72
	Jul. 19	47,421	15,98
	Oct. 27	47,472	15,23
	Dec. 66	47,515	14,46
1805	Jan. 0	20 6 50,837	— 13 6 4,20
	Apr. 10	50,874	3,43
	Jul. 19	50,902	2,66
	Oct. 27	50,922	1,90
	Dec. 66	50,932	1,15
1806	Jan. 0	20 6 54,264	— 13 5 50,88
	Apr. 10	54,268	50,15
	Jul. 19	54,262	49,44
	Oct. 27	54,247	48,77
	Dec. 66	54,223	48,13
1807	Jan. 0	20 6 57,567	— 13 5 37,81
	Apr. 10	57,535	37,20
	Jul. 19	57,497	36,63
	Oct. 27	57,448	36,12
	Dec. 66	57,391	35,67
1808	Jan. 1	20 7 0,746	— 13 5 25,28
	Apr. 10	0,683	24,86
	Jul. 19	0,613	24,51
	Oct. 27	0,536	24,23
	Dec. 66	0,453	24,01
1809	Jan. 0	20 7 3,816	— 13 5 13,54
	Apr. 10	3,728	13,37
	Jul. 19	3,636	13,28
	Oct. 27	3,539	13,26
	Dec. 66	3,438	13,31

Tabulae X. Sect. III. 1*α Capricorni.*

	1800		1800		Var. 10 annor.	
Jan. 0	−1″,252	+ 4,1	− 2″,56	− 3,5	+1	−1
10	−1,193	+ 7,7	− 2,89	− 3,1	+1	−1
20	−1,098	+11,2	− 3,18	− 2,5	0	−1
30	−0,970	+14,3	− 3,39	− 1,6	0	−1
Febr. 9	−0,812	+17,3	− 3,50	− 0,5	−1	−1
19	−0,625	+19,9	− 3,48	+ 1,0	−1	−1
Mart. 1	−0,414	+22,3	− 3,31	+ 2,6	−2	−1
11	−0,179	+24,6	− 2,97	+ 4,3	−2	−1
21	+0,077	+26,5	− 2,45	+ 6,2	−3	0
31	+0,351	+28,2	− 1,74	+ 8,0	−3	0
Apr. 10	+0,640	+29,5	− 0,86	+ 9,6	−3	0
20	+0,940	+30,4	+ 0,18	+11,0	−3	0
30	+1,247	+30,8	+ 1,33	+12,0	−3	+1
Maj. 10	+1,556	+30,8	+ 2,58	+12,7	−3	+1
20	+1,862	+30,0	+ 3,86	+12,9	−3	+1
30	+2,156	+28,6	+ 5,15	+12,7	−3	+2
Jun. 9	+2,434	+26,6	+ 6,40	+12,1	−3	+2
19	+2,687	+23,8	+ 7,57	+11,1	−2	+2
29	+2,910	+20,5	+ 8,62	+ 9,9	−2	+3
Jul. 9	+3,097	+16,7	+ 9,54	+ 8,4	−1	+3
19	+3,243	+12,3	+10,30	+ 6,8	−1	+3
29	+3,343	+ 7,8	+10,89	+ 5,1	−1	+4
Aug. 8	+3,398	+ 3,2	+11,31	+ 3,4	0	+4
18	+3,406	− 1,4	+11,57	+ 1,9	0	+4
28	+3,370	− 5,6	+11,68	+ 0,5	+1	+4
Sept. 7	+3,294	− 9,4	+11,66	− 0,7	+1	+4
17	+3,183	−12,4	+11,54	− 1,7	+2	+4
27	+3,046	−14,6	+11,33	− 2,5	+2	+4
Oct. 7	+2,891	−16,0	+11,05	− 3,0	+2	+4
17	+2,727	−16,3	+10,74	− 3,3	+3	+4
27	+2,565	−15,7	+10,40	− 3,5	+3	+4
Nov. 6	+2,414	−14,2	+10,04	− 3,7	+3	+4
16	+2,282	−11,9	+ 9,67	− 3,8	+2	+4
26	+2,177	− 9,0	+ 9,29	− 3,8	+2	+4
Dec. 6	+2,103	− 5,6	+ 8,92	− 3,8	+2	+4
16	+2,065	− 2,0	+ 8,54	− 3,8	+1	+4
26	+2,064	+ 1,8	+ 8,16	− 3,7	+1	+4
36	+2,101	+ 5,5	+ 7,81	− 3,4	0	+3

	A. R. med.	Decl. med.
1790	20h 5′ 59″,7871	−13° 8′ 41″,184
1791	6 3,1230	8 30,724
1792	6 6,4588	8 20,260
1793	6 9,7945	8 9,792
1794	6 13,1301	7 59,319
1795	6 16,4657	7 48,842
1796	6 19,8012	7 38,361
1797	6 23,1366	7 27,876
1798	6 26,4719	7 17,387
1799	6 29,8071	7 6,894
1800	6 33,1423	6 56,397
1801	6 36,4774	6 45,896
1802	6 39,8124	6 35,391
1803	6 43,1473	6 24,881
1804	6 46,4821	6 14,367
1805	6 49,8169	6 3,849
1806	6 53,1516	5 53,327
1807	6 56,4862	5 42,801
1808	6 59,8207	5 32,271
1809	7 3,1551	5 21,737
1810	7 6,4894	5 11,199

Diei reducto addendum est:

ante } Jan. 19 { 0
post } Jan. 19 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect III. 2 *α Capricorni.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	20 6 24,234	−13 10 52,08	1800	Jan. 0	20 6 56,323	−13 9 23,09
	Apr. 10	24,155	51,81		Apr. 10	56,414	23,17
	Jul. 19	24,070	51,61		Jul. 19	56,507	23,18
	Oct. 27	23,980	51,48		Oct. 27	56,604	23,11
	Dec. 66	23,885	51,43		Dec. 66	56,703	22,97
1791	Jan. 0	20 6 27,258	−13 10 40,95	1801	Jan. 0	20 7 0,009	−13 9 12,49
	Apr. 10	27,159	40,94		Apr. 10	0,109	12,32
	Jul. 19	27,058	41,01		Jul. 19	0,209	12,08
	Oct. 27	26,955	41,15		Oct. 27	0,309	11,77
	Dec. 66	26,850	41,37		Dec. 66	0,409	11,39
1792	Jan. 1	20 6 30,226	−13 10 30,79	1802	Jan. 0	20 7 3,715	−13 9 0,99
	Apr. 10	30,120	31,06		Apr. 10	3,814	0,58
	Jul. 19	30,015	31,39		Jul. 19	3,910	0,12
	Oct. 27	29,910	31,78		Oct. 27	4,003	8 59,60
	Dec. 66	29,809	32,24		Dec. 66	4,093	59,03
1793	Jan. 0	20 6 33,183	−13 10 21,58	1803	Jan. 0	20 7 7,403	−13 8 48,69
	Apr. 10	33,083	22,08		Apr. 10	7,490	48,09
	Jul. 19	32,987	22,63		Jul. 19	7,571	47,46
	Oct. 27	32,895	23,23		Oct. 27	7,647	46,79
	Dec. 66	32,808	23,88		Dec. 66	7,717	46,08
1794	Jan. 0	20 6 36,176	−13 10 13,16	1804	Jan. 1	20 7 11,034	−13 8 35,78
	Apr. 10	36,093	13,84		Apr. 10	11,100	35,05
	Jul. 19	36,017	14,54		Jul. 19	11,158	34,31
	Oct. 27	35,948	15,27		Oct. 27	11,209	33,56
	Dec. 66	35,886	16,03		Dec. 66	11,252	32,79
1795	Jan. 0	20 6 39,246	−13 10 5,27	1805	Jan. 0	20 7 14,578	−13 8 22,50
	Apr. 10	39,190	6,04		Apr. 10	14,615	21,73
	Jul. 19	39,142	6,82		Jul. 19	14,643	20,96
	Oct. 27	39,104	7,59		Oct. 27	14,662	20,21
	Dec. 66	39,074	8,37		Dec. 66	14,673	19,46
1796	Jan. 1	20 6 42,423	−13 9 57,60	1806	Jan. 0	20 7 18,010	−13 8 9,16
	Apr. 10	42,400	58,37		Apr. 10	18,014	8,43
	Jul. 19	42,386	59,13		Jul. 19	18,008	7,72
	Oct. 27	42,382	59,87		Oct. 27	17,993	7,04
	Dec. 66	42,388	10 0,58		Dec. 66	17,968	6,40
1797	Jan. 0	20 6 45,725	−13 9 49,83	1807	Jan. 0	20 7 21,317	−13 7 56,06
	Apr. 10	45,737	50,52		Apr. 10	21,286	55,45
	Jul. 19	45,757	51,17		Jul. 19	21,247	54,89
	Oct. 27	45,787	51,77		Oct. 27	21,198	54,38
	Dec. 66	45,826	52,34		Dec. 66	21,141	53,92
1798	Jan. 0	20 6 49,152	−13 9 41,64	1808	Jan. 1	20 7 24,500	−13 7 43,51
	Apr. 10	49,197	42,17		Apr. 10	24,438	43,09
	Jul. 19	49,249	42,64		Jul. 19	24,368	42,74
	Oct. 27	49,309	43,06		Oct. 27	24,291	42,45
	Dec. 66	49,376	43,42		Dec. 66	24,207	42,24
1799	Jan. 0	20 6 52,693	−13 9 32,78	1809	Jan. 0	20 7 27,575	−13 7 31,75
	Apr. 10	52,765	33,10		Apr. 10	27,487	31,58
	Jul. 19	52,842	33,35		Jul. 19	27,395	31,48
	Oct. 27	52,925	33,53		Oct. 27	27,298	31,46
	Dec. 66	53,013	33,65		Dec. 66	27,197	31,51

Tabulae X. Sect. III. 2*α Capricorni.*

	1800		1800		Var. 10 annor.	
	″		″			
Jan. 0	−1,252	+ 4,1	− 2,57	− 3,5	+1	−1
10	−1,192	+ 7,7	− 2,90	− 3,1	+1	−1
20	−1,098	+11,1	− 3,18	− 2,5	0	−1
30	−0,970	+14,3	− 3,39	− 1,6	0	−1
Febr. 9	−0,812	+17,2	− 3,50	− 0,5	−1	−1
19	−0,626	+19,9	− 3,48	+ 1,0	−1	−1
Mart. 1	−0,415	+22,3	− 3,30	+ 2,6	−2	−1
11	−0,180	+24,6	− 2,96	+ 4,4	−2	−1
21	+0,076	+26,5	− 2,43	+ 6,2	−3	0
31	+0,350	+28,2	− 1,72	+ 8,0	−3	0
Apr. 10	+0,639	+29,5	− 0,84	+ 9,6	−3	0
20	+0,939	+30,4	+ 0,20	+11,0	−3	0
30	+1,247	+30,9	+ 1,36	+12,0	−3	0
Maj. 10	+1,556	+30,7	+ 2,60	+12,7	−3	+1
20	+1,861	+30,0	+ 3,89	+12,9	−3	+1
30	+2,156	+28,7	+ 5,18	+12,7	−3	+2
Jun. 9	+2,434	+26,6	+ 6,43	+12,1	−3	+2
19	+2,688	+23,9	+ 7,60	+11,1	−2	+2
29	+2,912	+20,6	+ 8,65	+ 9,9	−2	+3
Jul. 9	+3,099	+16,7	+ 9,57	+ 8,4	−2	+3
19	+3,245	+12,4	+10,32	+ 6,8	−1	+3
29	+3,346	+ 7,8	+10,92	+ 5,1	−1	+4
Aug. 8	+3,401	+ 3,2	+11,33	+ 3,4	0	+4
18	+3,410	− 1,4	+11,59	+ 1,9	0	+4
28	+3,374	− 5,6	+11,70	+ 0,5	+1	+4
Sept. 7	+3,298	− 9,3	+11,68	− 0,8	+1	+4
17	+3,188	−12,4	+11,55	− 1,7	+2	+4
27	+3,051	−14,6	+11,34	− 2,4	+2	+4
Oct. 7	+2,896	−15,9	+11,07	− 3,0	+2	+4
17	+2,733	−16,3	+10,75	− 3,3	+2	+4
27	+2,571	−15,7	+10,41	− 3,5	+3	+4
Nov. 6	+2,420	−14,2	+10,05	− 3,7	+3	+4
16	+2,288	−11,9	+ 9,68	− 3,8	+2	+4
26	+2,182	− 9,0	+ 9,30	− 3,8	+2	+4
Dec. 6	+2,109	− 5,6	+ 8,93	− 3,8	+2	+4
16	+2,071	− 2,0	+ 8,55	− 3,8	+1	+4
26	+2,070	+ 1,8	+ 8,18	− 3,6	+1	+3
36	+2,106	+ 5,5	+ 7,83	− 3,4	0	+3

Annus	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1790	20 6 23,4597	−13 10 59,914
1791	6 26,8001	10 49,426
1792	6 30,1405	10 38,934
1793	6 33,4808	10 28,438
1794	6 36,8210	10 17,938
1795	6 40,1611	10 7,434
1796	6 43,5011	9 56,926
1797	6 46,8411	9 46,413
1798	6 50,1810	9 35,896
1799	6 53,5208	9 25,375
1800	6 56,8605	9 14,850
1801	7 0,2001	9 4,321
1802	7 3,5397	8 53,788
1803	7 6,8792	8 43,250
1804	7 10,2186	8 32,709
1805	7 13,5579	8 22,164
1806	7 16,8971	8 11,614
1807	7 20,2363	8 1,060
1808	7 23,5754	7 50,502
1809	7 26,9144	7 39,941
1810	7 30,2532	7 29,375

Diei reducto addendum est:

ante } Jan. 19 { 0
post } Jan. 19 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Cygni.*

1790	Jan. 0	20h 34′ 17″,418	+44° 32′ 20″,51	1800	Jan. 0	20h 34′ 36″,392	+44° 34′ 9″,60
	Apr. 10	17,397	20,70		Apr. 10	36,429	9,61
	Jul. 19	17,369	20,81		Jul. 19	36,471	9,68
	Oct. 27	17,336	20,86		Oct. 27	36,517	9,82
	Dec. 66	17,296	20,83		Dec. 66	36,568	10,03
1791	Jan. 0	20 34 19,350	+44 32 33,34	1801	Jan. 0	20 34 38,591	+44 34 22,47
	Apr. 10	19,306	33,26		Apr. 10	38,645	22,72
	Jul. 19	19,258	33,12		Jul. 19	38,703	23,02
	Oct. 27	19,204	32,90		Oct. 27	38,764	23,39
	Dec. 66	19,146	32,62		Dec. 66	38,828	23,82
1792	Jan. 1	20 34 21,206	+44 32 45,22	1802	Jan. 0	20 34 40,847	+44 34 36,19
	Apr. 10	21,145	44,89		Apr. 10	40,913	36,65
	Jul. 19	21,081	44,50		Jul. 19	40,980	37,16
	Oct. 27	21,013	44,04		Oct. 27	41,048	37,71
	Dec. 66	20,943	43,53		Dec. 66	41,118	38,31
1793	Jan. 0	20 34 23,007	+44 32 56,21	1803	Jan. 0	20 34 43,136	+44 34 50,63
	Apr. 10	22,936	55,67		Apr. 10	43,206	51,26
	Jul. 19	22,864	55,08		Jul. 19	43,276	51,91
	Oct. 27	22,792	54,45		Oct. 27	43,345	52,59
	Dec. 66	22,719	53,77		Dec. 66	43,414	53,30
1794	Jan. 0	20 34 24,784	+44 33 6,50	1804	Jan. 1	20 34 45,432	+44 35 5,59
	Apr. 10	24,711	5,81		Apr. 10	45,499	6,31
	Jul. 19	24,640	5,09		Jul. 19	45,564	7,04
	Oct. 27	24,571	4,36		Oct. 27	45,626	7,78
	Dec. 66	24,503	3,60		Dec. 66	45,686	8,54
1795	Jan. 0	20 34 26,566	+44 33 16,36	1805	Jan. 0	20 34 47,707	+44 35 20,81
	Apr. 10	26,500	15,60		Apr. 10	47,764	21,56
	Jul. 19	26,438	14,85		Jul. 19	47,817	22,29
	Oct. 27	26,380	14,10		Oct. 27	47,865	23,01
	Dec. 66	26,327	13,35		Dec. 66	47,909	23,71
1796	Jan. 1	20 34 28,385	+44 33 26,10	1806	Jan. 0	20 34 49,936	+44 35 36,01
	Apr. 10	28,334	25,37		Apr. 10	49,976	36,69
	Jul. 19	28,288	24,66		Jul. 19	50,011	37,34
	Oct. 27	28,248	23,98		Oct. 27	50,040	37,95
	Dec. 66	28,213	23,32		Dec. 66	50,062	38,52
1797	Jan. 0	20 34 30,265	+44 33 36,05	1807	Jan. 0	20 34 52,096	+44 35 50,87
	Apr. 10	30,234	35,42		Apr. 10	52,115	51,41
	Jul. 19	30,209	34,83		Jul. 19	52,127	51,90
	Oct. 27	30,191	34,30		Oct. 27	52,132	52,32
	Dec. 66	30,179	33,81		Dec. 66	52,130	52,71
1798	Jan. 0	20 34 32,223	+44 33 46,48	1808	Jan. 1	20 34 54,172	+44 36 5,12
	Apr. 10	32,215	46,02		Apr. 10	54,166	5,45
	Jul. 19	32,213	45,63		Jul. 19	54,153	5,72
	Oct. 27	32,218	45,29		Oct. 27	54,133	5,92
	Dec. 66	32,230	45,02		Dec. 66	54,108	6,05
1799	Jan. 0	20 34 34,266	+44 33 57,62	1809	Jan. 0	20 34 56,158	+44 36 18,55
	Apr. 10	34,282	57,38		Apr. 10	56,128	18,64
	Jul. 19	34,303	57,21		Jul. 19	56,092	18,65
	Oct. 27	34,330	57,11		Oct. 27	56,050	18,59
	Dec. 66	34,363	57,08		Dec. 66	56,003	18,46

Tabulae X. Sect. III. *α Cygni.*

	1800		1800		Var. 10 annor.	
Jan. 0	−1″,606	− 7,3	+ 6″,49	−26,5	0	+2
10	−1,655	− 2,5	+ 3,72	−28,5	0	+3
20	−1,655	+ 2,5	+ 0,79	−29,5	−1	+3
30	−1,606	+ 7,5	− 2,18	−29,4	−1	+3
Febr. 9	−1,506	+12,4	− 5,08	−28,1	−2	+3
19	−1,358	+17,1	− 7,79	−25,6	−2	+2
Mart. 1	−1,164	+21,6	−10,20	−22,1	−2	+2
11	−0,926	+25,8	−12,21	−17,7	−3	+2
21	−0,649	+29,4	−13,74	−12,7	−3	+1
31	−0,339	+32,4	−14,74	− 7,1	−3	+1
Apr. 10	−0,002	+34,7	−15,16	− 1,3	−3	+1
20	+0,354	+36,2	−14,99	+ 4,7	−3	0
30	+0,721	+36,8	−14,23	+10,3	−2	0
Maj. 10	+1,090	+36,6	−12,93	+15,6	−2	0
20	+1,452	+35,3	−11,11	+20,4	−2	−1
30	+1,796	+33,2	− 8,86	+24,4	−1	−1
Jun. 9	+2,115	+30,2	− 6,23	+27,8	−1	−1
19	+2,400	+26,4	− 3,31	+30,3	−1	−1
29	+2,643	+21,9	− 0,17	+32,1	0	−1
Jul. 9	+2,838	+16,9	+ 3,10	+33,0	0	−1
19	+2,980	+11,4	+ 6,42	+33,1	+1	−1
29	+3,065	+ 5,7	+ 9,71	+32,4	+1	−1
Aug. 8	+3,094	+ 0,1	+12,89	+31,1	+1	−1
18	+3,066	− 5,5	+15,92	+29,1	+2	0
28	+2,984	−10,7	+18,71	+26,5	+2	0
Sept. 7	+2,853	−15,3	+21,22	+23,4	+2	0
17	+2,677	−19,3	+23,39	+19,9	+3	+1
27	+2,467	−22,4	+25,19	+15,9	+3	+1
Oct. 7	+2,229	−24,7	+26,57	+11,6	+3	+1
17	+1,973	−26,0	+27,50	+ 7,0	+3	+2
27	+1,710	−26,2	+27,96	+ 2,2	+3	+2
Nov. 6	+1,450	−25,4	+27,93	− 2,8	+3	+3
16	+1,202	−23,8	+27,40	− 7,8	+3	+3
26	+0,974	−21,3	+26,37	−12,7	+2	+4
Dec. 6	+0,776	−18,1	+24,87	−17,2	+2	+4
16	+0,612	−14,4	+22,93	−21,3	+2	+4
26	+0,489	−10,1	+20,62	−24,7	+1	+5
36	+0,410	− 5,5	+17,99	−27,4	+1	+5

	A. R. med.	Decl. med.
1790	20ʰ 34′ 16″,6608	+44° 32′ 12″,615
1791	34 18,7012	32 25,111
1792	34 20,7416	32 37,609
1793	34 22,7820	32 50,109
1794	34 24,8224	33 2,611
1795	34 26,8629	33 15,116
1796	34 28,9034	33 27,623
1797	34 30,9439	33 40,132
1798	34 32,9844	33 52,644
1799	34 35,0250	34 5,158
1800	34 37,0656	34 17,673
1801	34 39,1062	34 30,191
1802	34 41,1468	34 42,712
1803	34 43,1875	34 55,235
1804	34 45,2282	35 7,760
1805	34 47,2689	35 20,287
1806	34 49,3096	35 32,817
1807	34 51,3504	35 45,349
1808	34 53,3912	35 57,883
1809	34 55,4320	36 10,419
1810	34 57,4728	36 22,958

Diei reducto addendum est:

ante	Jan. 25	0
post	Jan. 25	+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Aquarii.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	21 55 0,378	— 1 19 52,91	1800	Jan. 0	21 55 29,929	— 1 17 15,87
	Apr. 10	0,309	52,98		Apr. 10	30,011	15,63
	Jul. 19	0,234	53,12		Jul. 19	30,095	15,34
	Oct. 27	0,153	53,32		Oct. 27	30,183	15,00
	Dec. 66	0,067	53,58		Dec. 66	30,273	14,60
1791	Jan. 0	21 55 3,182	— 1 19 36,36	1801	Jan. 0	21 55 33,328	— 1 16 57,59
	Apr. 10	3,093	36,66		Apr. 10	33,419	57,16
	Jul. 19	3,002	37,02		Jul. 19	33,511	56,70
	Oct. 27	2,908	37,43		Oct. 27	33,603	56,19
	Dec. 66	2,811	37,90		Dec. 66	33,696	55,64
1792	Jan. 1	21 55 5,929	— 1 19 20,60	1802	Jan. 0	21 55 36,750	— 1 16 38,67
	Apr. 10	5,831	21,10		Apr. 10	36,842	38,10
	Jul. 19	5,734	21,64		Jul. 19	36,932	37,51
	Oct. 27	5,638	22,21		Oct. 27	37,020	36,89
	Dec. 66	5,542	22,83		Dec. 66	37,105	36,25
1793	Jan. 0	21 55 8,659	— 1 19 5,48	1803	Jan. 0	21 55 40,161	— 1 16 19,31
	Apr. 10	8,565	6,12		Apr. 10	40,244	18,66
	Jul. 19	8,474	6,77		Jul. 19	40,323	18,00
	Oct. 27	8,387	7,44		Oct. 27	40,396	17,34
	Dec. 66	8,304	8,12		Dec. 66	40,464	16,67
1794	Jan. 0	21 55 11,416	— 1 18 50,76	1804	Jan. 1	21 55 43,527	— 1 15 59,73
	Apr. 10	11,336	51,45		Apr. 10	43,592	59,06
	Jul. 19	11,263	52,14		Jul. 19	43,650	58,41
	Oct. 27	11,195	52,82		Oct. 27	43,701	57,77
	Dec. 66	11,134	53,50		Dec. 66	43,745	57,14
1795	Jan. 0	21 55 14,239	— 1 18 36,13	1805	Jan. 0	21 55 46,816	— 1 15 40,19
	Apr. 10	14,182	36,80		Apr. 10	46,855	39,58
	Jul. 19	14,134	37,44		Jul. 19	46,886	39,01
	Oct. 27	14,094	38,06		Oct. 27	46,909	38,46
	Dec. 66	14,062	38,65		Dec. 66	46,923	37,95
1796	Jan. 1	21 55 17,156	— 1 18 21,32	1806	Jan. 0	21 55 50,004	— 1 15 20,96
	Apr. 10	17,130	21,88		Apr. 10	50,013	20,48
	Jul. 19	17,112	22,41		Jul. 19	50,013	20,05
	Oct. 27	17,103	22,89		Oct. 27	50,004	19,67
	Dec. 66	17,103	23,32		Dec. 66	49,987	19,33
1797	Jan. 0	21 55 20,187	— 1 18 6,04	1807	Jan. 0	21 55 53,078	— 1 15 2,27
	Apr. 10	20,193	6,44		Apr. 10	53,055	1,98
	Jul. 19	20,207	6,79		Jul. 19	53,023	1,75
	Oct. 27	20,230	7,09		Oct. 27	52,983	1,57
	Dec. 66	20,261	7,33		Dec. 66	52,935	1,46
1798	Jan. 0	21 55 23,334	— 1 17 50,11	1808	Jan. 1	21 55 56,036	— 1 14 44,32
	Apr. 10	23,371	50,31		Apr. 10	55,982	44,25
	Jul. 19	23,415	50,45		Jul. 19	55,922	44,25
	Oct. 27	23,466	50,52		Oct. 27	55,855	44,31
	Dec. 66	23,524	50,54		Dec. 66	55,781	44,43
1799	Jan. 0	21 55 26,589	— 1 17 33,40	1809	Jan. 0	21 55 58,891	— 1 14 27,21
	Apr. 10	26,651	33,37		Apr. 10	58,813	27,38
	Jul. 19	26,719	33,29		Jul. 19	58,730	27,61
	Oct. 27	26,792	33,15		Oct. 27	58,643	27,90
	Dec. 66	26,871	32,95		Dec. 66	58,552	28,25

Tabulae X. Sect. III. *α Aquarii.*

	1800		1800		Var. 10 annor.	
Jan. 0	−0″,845	− 5,2	− 1″,32	− 7,7	+2	+1
10	−0,885	− 2,7	− 2,09	− 7,6	+2	+1
20	−0,899	0,0	− 2,83	− 7,1	+2	+1
30	−0,885	+ 2,8	− 3,50	− 6,1	+1	+1
Febr. 9	−0,844	+ 5,6	− 4,05	− 4,8	0	+1
19	−0,774	+ 8,6	− 4,46	− 3,1	0	0
Mart. 1	−0,673	+11,6	− 4,67	− 1,0	−1	0
11	−0,542	+14,8	− 4,66	+ 1,4	−1	0
21	−0,378	+17,9	− 4,40	+ 4,0	−2	0
31	−0,185	+20,9	− 3,87	+ 6,7	−2	0
Apr. 10	+0,038	+23,7	− 3,06	+ 9,5	−2	−1
20	+0,289	+26,2	− 1,98	+12,0	−3	−1
30	+0,562	+28,3	− 0,66	+14,3	−3	−1
Maj. 10	+0,855	+29,9	+ 0,88	+16,3	−3	−1
20	+1,160	+30,8	+ 2,59	+17,8	−3	−1
30	+1,471	+31,0	+ 4,44	+18,8	−3	−1
Jun. 9	+1,780	+30,4	+ 6,35	+19,3	−3	−1
19	+2,079	+29,1	+ 8,29	+19,3	−3	0
29	+2,361	+27,0	+10,20	+18,7	−2	0
Jul. 9	+2,619	+24,2	+12,03	+17,6	−2	0
19	+2,844	+20,7	+13,72	+16,2	−2	0
29	+3,033	+16,9	+15,26	+14,5	−1	+1
Aug. 8	+3,181	+12,7	+16,61	+12,4	−1	+1
18	+3,285	+ 8,3	+17,74	+10,3	−1	+1
28	+3,345	+ 3,9	+18,66	+ 8,1	0	+2
Sept. 7	+3,362	− 0,3	+19,35	+ 5,9	0	+2
17	+3,339	− 4,1	+19,83	+ 3,8	+1	+2
27	+3,280	− 7,4	+20,10	+ 1,8	+1	+3
Oct. 7	+3,192	− 9,9	+20,19	0,0	+2	+3
17	+3,082	−11,8	+20,10	− 1,6	+2	+3
27	+2,957	−12,9	+19,87	− 3,0	+2	+3
Nov. 6	+2,824	−13,3	+19,50	− 4,3	+3	+3
16	+2,692	−13,0	+19,02	− 5,3	+3	+4
26	+2,565	−12,0	+18,44	− 6,2	+3	+4
Dec. 6	+2,452	−10,6	+17,79	− 6,9	+3	+4
16	+2,354	− 8,8	+17,07	− 7,4	+2	+4
26	+2,276	− 6,6	+16,31	− 7,7	+2	+4
36	+2,222	− 4,3	+15,54	− 7,7	+2	+3

	A. R. med.	Decl. med.
1790	21ʰ 54′ 59″,6235	− 1° 20′ 0″,326
1791	55 2,7087	19 43,198
1792	55 5,7939	19 26,067
1793	55 8,8791	19 8,934
1794	55 11,9642	18 51,799
1795	55 15,0492	18 34,661
1796	55 18,1342	18 17,521
1797	55 21,2192	18 0,379
1798	55 24,3041	17 43,234
1799	55 27,3890	17 26,087
1800	55 30,4739	17 8,938
1801	55 33,5587	16 51,787
1802	55 36,6435	16 34,633
1803	55 39,7282	16 17,477
1804	55 42,8129	16 0,319
1805	55 45,8975	15 43,159
1806	55 48,9821	15 25,996
1807	55 52,0667	15 8,831
1808	55 55,1512	14 51,664
1809	55 58,2356	14 34,494
1810	56 1,3200	14 17,322

Diei reducto addendum est:

ante } Febr. 14 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Piscis austrini.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	22 46 1,362	—30 43 46,46	1800	Jan. 0	22 46 33,924	—30 40 50,87
	Apr. 10	1,266	46,70		Apr. 10	34,026	50,50
	Jul. 19	1,166	46,99		Jul. 19	34,129	50,09
	Oct. 27	1,062	47,33		Oct. 27	34,233	49,64
	Dec. 66	0,955	47,73		Dec. 66	34,338	49,15
1791	Jan. 0	22 46 4,339	—30 43 28,80	1801	Jan. 0	22 46 37,649	—30 40 30,51
	Apr. 10	4,230	29,22		Apr. 10	37,753	30,00
	Jul. 19	4,122	29,69		Jul. 19	37,855	29,46
	Oct. 27	4,013	30,20		Oct. 27	37,955	28,89
	Dec. 66	3,904	30,76		Dec. 66	38,052	28,30
1792	Jan. 1	22 46 7,288	—30 43 11,77	1802	Jan. 0	22 46 41,365	—30 40 9,69
	Apr. 10	7,180	12,34		Apr. 10	41,460	9,09
	Jul. 19	7,076	12,94		Jul. 19	41,550	8,48
	Oct. 27	6,975	13,56		Oct. 27	41,635	7,86
	Dec. 66	6,878	14,20		Dec. 66	41,715	7,23
1793	Jan. 0	22 46 10,257	—30 42 55,19	1803	Jan. 0	22 46 45,034	—30 39 48,63
	Apr. 10	10,163	55,84		Apr. 10	45,110	48,00
	Jul. 19	10,075	56,49		Jul. 19	45,178	47,38
	Oct. 27	9,994	57,14		Oct. 27	45,239	46,77
	Dec. 66	9,920	57,79		Dec. 66	45,293	46,17
1794	Jan. 0	22 46 13,291	—30 42 38,77	1804	Jan. 1	22 46 48,621	—30 39 27,55
	Apr. 10	13,222	39,42		Apr. 10	48,670	26,97
	Jul. 19	13,162	40,04		Jul. 19	48,709	26,41
	Oct. 27	13,111	40,65		Oct. 27	48,739	25,88
	Dec. 66	13,068	41,24		Dec. 66	48,761	25,37
1795	Jan. 0	22 46 16,428	—30 42 22,25	1805	Jan. 0	22 46 52,099	—30 39 6,72
	Apr. 10	16,392	22,81		Apr. 10	52,114	6,24
	Jul. 19	16,366	23,34		Jul. 19	52,120	5,80
	Oct. 27	16,350	23,83		Oct. 27	52,116	5,40
	Dec. 66	16,343	24,28		Dec. 66	52,102	5,05
1796	Jan. 1	22 46 19,691	—30 42 5,34	1806	Jan. 0	22 46 55,452	—30 38 46,35
	Apr. 10	19,691	5,76		Apr. 10	55,432	46,03
	Jul. 19	19,701	6,13		Jul. 19	55,402	45,76
	Oct. 27	19,721	6,45		Oct. 27	55,363	45,55
	Dec. 66	19,751	6,72		Dec. 66	55,314	45,40
1797	Jan. 0	22 46 23,087	—30 41 47,83	1807	Jan. 0	22 46 58,676	—30 38 26,63
	Apr. 10	23,123	48,07		Apr. 10	58,621	26,51
	Jul. 19	23,167	48,24		Jul. 19	58,559	26,45
	Oct. 27	23,221	48,36		Oct. 27	58,488	26,46
	Dec. 66	23,283	48,42		Dec. 66	58,410	26,52
1798	Jan. 0	22 46 26,607	—30 41 29,61	1808	Jan. 1	22 47 1,781	—30 38 7,68
	Apr. 10	26,674	29,63		Apr. 10	1,698	7,78
	Jul. 19	26,748	29,60		Jul. 19	1,609	7,94
	Oct. 27	26,828	29,51		Oct. 27	1,515	8,16
	Dec. 66	26,914	29,36		Dec. 66	1,416	8,44
1799	Jan. 0	22 46 30,230	—30 41 10,61	1809	Jan. 0	22 47 4,793	—30 37 49,52
	Apr. 10	30,320	10,43		Apr. 10	4,691	49,84
	Jul. 19	30,414	10,19		Jul. 19	4,586	50,21
	Oct. 27	30,511	9,90		Oct. 27	4,479	50,62
	Dec. 66	30,612	9,56		Dec. 66	4,370	51,09

Tabulae X. Sect. III. *α Piscis austrini.*

	1800		1800		Var. 10 annor.	
Jan. 0	−0″,717	−10,0	−10″,00	+ 2,8	+4	0
10	−0,805	− 7,6	− 9,58	+ 5,6	+4	0
20	−0,869	− 5,1	− 8,89	+ 8,2	+3	−1
30	−0,906	− 2,2	− 7,94	+10,8	+3	−1
Febr. 9	−0,913	+ 0,9	− 6,74	+13,1	+2	−2
19	−0,889	+ 4,1	− 5,32	+15,3	+1	−2
Mart. 1	−0,832	+ 7,5	− 3,69	+17,2	+1	−2
11	−0,739	+11,2	− 1,88	+18,9	0	−2
21	−0,609	+14,9	+ 0,09	+20,4	−1	−3
31	−0,441	+18,7	+ 2,19	+21,5	−2	−3
Apr. 10	−0,236	+22,4	+ 4,39	+22,2	−2	−3
20	+0,006	+25,9	+ 6,63	+22,5	−3	−2
30	+0,281	+29,0	+ 8,89	+22,4	−3	−2
Maj. 10	+0,585	+31,6	+11,10	+21,7	−4	−2
20	+0,913	+33,7	+13,22	+20,5	−4	−2
30	+1,258	+34,9	+15,20	+18,8	−4	−1
Jun. 9	+1,611	+35,3	+16,98	+16,6	−5	−1
19	+1,964	+34,9	+18,52	+14,0	−5	0
29	+2,308	+33,5	+19,78	+11,1	−5	0
Jul. 9	+2,634	+31,3	+20,73	+ 7,8	−5	+1
19	+2,933	+28,1	+21,33	+ 4,4	−4	+1
29	+3,196	+24,3	+21,60	+ 1,0	−4	+2
Aug. 8	+3,419	+20,0	+21,52	− 2,5	−4	+3
18	+3,595	+15,2	+21,11	− 5,7	−3	+3
28	+3,723	+10,3	+20,39	− 8,4	−3	+3
Sept. 7	+3,800	+ 5,3	+19,43	−10,7	−2	+4
17	+3,828	+ 0,6	+18,26	−12,4	−2	+4
27	+3,811	− 3,8	+16,95	−13,6	−1	+4
Oct. 7	+3,753	− 7,6	+15,55	−14,0	0	+4
17	+3,660	−10,6	+14,15	−13,8	0	+4
27	+3,541	−12,9	+12,80	−13,0	+1	+4
Nov. 6	+3,402	−14,4	+11,56	−11,5	+1	+4
16	+3,253	−15,0	+10,50	− 9,5	+2	+4
26	+3,102	−15,0	+ 9,66	− 7,2	+2	+3
Dec. 6	+2,954	−14,3	+ 9,06	− 4,8	+2	+3
16	+2,817	−13,0	+ 8,74	− 1,9	+2	+2
26	+2,695	−11,2	+ 8,69	+ 1,0	+2	+2
36	+2,593	− 9,1	+ 8,93	+ 3,8	+2	+1

	A. R. med.	Decl. med.
1790	22ʰ 46′ 0″,7723	−30° 43′ 53″,103
1791	46 4,1200	43 34,311
1792	46 7,4675	43 15,517
1793	46 10,8147	42 56,722
1794	46 14,1617	42 37,925
1795	46 17,5085	42 19,127
1796	46 20,8551	42 0,327
1797	46 24,2015	41 41,525
1798	46 27,5477	41 22,722
1799	46 30,8936	41 3,917
1800	46 34,2393	40 45,111
1801	46 37,5848	40 26,304
1802	46 40,9301	40 7,495
1803	46 44,2752	39 48,685
1804	46 47,6201	39 29,873
1805	46 50,9647	39 11,060
1806	46 54,3091	38 52,245
1807	46 57,6533	38 33,428
1808	47 0,9973	38 14,610
1809	47 4,3410	37 55,791
1810	47 7,6846	37 36,970

Diei reducto addendum est:

ante } Febr. 28 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Pegasi.*

1790	Jan. 0	22h 54′ 19″,498	+ 14° 4′ 48″,30	1800	Jan. 0	22h 54′ 47″,805	+14° 7′ 48″,57
	Apr. 10	19,441	48,04		Apr. 10	47,877	48,96
	Jul. 19	19,378	47,73		Jul. 19	47,952	49,39
	Oct. 27	19,309	47,36		Oct. 27	48,032	49,85
	Dec. 66	19,233	46,95		Dec. 66	48,116	50,36
1791	Jan. 0	22 54 22,239	+ 14 5 6,31	1801	Jan. 0	22 54 51,067	+14 8 9,42
	Apr. 10	22,159	5,87		Apr. 10	51,153	9,94
	Jul. 19	22,076	5,38		Jul. 19	51,240	10,49
	Oct. 27	21,989	4,86		Oct. 27	51,329	11,06
	Dec. 66	21,898	4,30		Dec. 66	51,420	11,66
1792	Jan. 1	22 54 24,908	+ 14 5 23,71	1802	Jan. 0	22 54 54,369	+14 8 30,70
	Apr. 10	24,815	23,13		Apr. 10	54,460	31,31
	Jul. 19	24,722	22,53		Jul. 19	54,550	31,92
	Oct. 27	24,628	21,91		Oct. 27	54,638	32,54
	Dec. 66	24,533	21,26		Dec. 66	54,726	33,16
1793	Jan. 0	22 54 27,544	+ 14 5 40,71	1803	Jan. 0	22 54 57,677	+14 8 52,19
	Apr. 10	27,449	40,06		Apr. 10	57,760	52,81
	Jul. 19	27,357	39,41		Jul. 19	57,847	53,42
	Oct. 27	27,267	38,77		Oct. 27	57,922	54,02
	Dec. 66	27,179	38,13		Dec. 66	58,002	54,61
1794	Jan. 0	22 54 30,188	+ 14 5 57,57	1804	Jan. 1	22 55 0,957	+14 9 13,65
	Apr. 10	30,102	56,93		Apr. 10	1,029	14,22
	Jul. 19	30,022	56,32		Jul. 19	1,096	14,76
	Oct. 27	29,947	55,73		Oct. 27	1,157	15,28
	Dec. 66	29,877	55,16		Dec. 66	1,213	15,76
1795	Jan. 0	22 54 32,879	+ 14 6 14,58	1805	Jan. 0	22 55 4,175	+14 9 34,84
	Apr. 10	32,813	14,03		Apr. 10	4,226	35,30
	Jul. 19	32,754	13,53		Jul. 19	4,269	35,72
	Oct. 27	32,702	13,06		Oct. 27	4,305	36,09
	Dec. 66	32,658	12,63		Dec. 66	4,333	36,41
1796	Jan. 1	22 54 35,652	+ 14 6 32,00	1806	Jan. 0	22 55 7,305	+14 9 55,55
	Apr. 10	35,612	31,60		Apr. 10	7,328	55,85
	Jul. 19	35,581	31,26		Jul. 19	7,342	56,08
	Oct. 27	35,559	30,96		Oct. 27	7,348	56,26
	Dec. 66	35,544	30,72		Dec. 66	7,345	56,39
1797	Jan. 0	22 54 38,528	+ 14 6 50,03	1807	Jan. 0	22 55 10,327	+14 10 15,60
	Apr. 10	38,519	49,82		Apr. 10	10,318	15,69
	Jul. 19	38,518	49,68		Jul. 19	10,301	15,71
	Oct. 27	38,526	49,59		Oct. 27	10,276	15,68
	Dec. 66	38,543	49,55		Dec. 66	10,242	15,59
1798	Jan. 0	22 54 41,516	+ 14 7 8,79	1808	Jan. 1	22 55 13,235	+14 10 34,87
	Apr. 10	41,538	8,80		Apr. 10	13,195	34,74
	Jul. 19	41,568	8,86		Jul. 19	13,148	34,55
	Oct. 27	41,605	8,98		Oct. 27	13,094	34,30
	Dec. 66	41,650	9,15		Dec. 66	13,032	34,00
1799	Jan. 0	22 54 44,614	+ 14 7 28,32	1809	Jan. 0	22 55 16,033	+14 10 53,35
	Apr. 10	44,664	28,53		Apr. 10	15,967	53,01
	Jul. 19	44,719	28,79		Jul. 19	15,895	52,63
	Oct. 27	44,781	29,10		Oct. 27	15,818	52,19
	Dec. 66	44,849	29,46		Dec. 66	15,736	51,71

Tabulae X. Sect. III. *α Pegasi.*

	1800		1800		Var. 10 annor.	
Jan. 0	″ −0,564	− 9,5	″ + 3,40	−10,6	+3	+2
10	−0,651	− 7,9	+ 2,28	−11,7	+2	+2
20	−0,721	− 6,0	+ 1,06	−12,5	+2	+2
30	−0,770	− 3,7	− 0,21	−12,6	+2	+2
Febr. 9	−0,794	− 1,0	− 1,46	−12,2	+1	+2
19	−0,790	+ 2,0	− 2,64	−11,1	+1	+2
Mart. 1	−0,755	+ 5,3	− 3,68	− 9,4	0	+2
11	−0,685	+ 8,8	− 4,52	− 7,2	−1	+1
21	−0,580	+12,4	− 5,11	− 4,5	−1	+1
31	−0,437	+16,2	− 5,41	− 1,3	−1	+1
Apr. 10	−0,257	+19,8	− 5,37	+ 2,2	−2	0
20	−0,042	+23,2	− 4,98	+ 5,6	−2	0
30	+0,207	+26,2	− 4,25	+ 9,1	−2	0
Maj. 10	+0,482	+28,7	− 3,16	+12,5	−3	−1
20	+0,780	+30,5	− 1,76	+15,4	−3	−1
30	+1,091	+31,6	− 0,08	+18,1	−3	−1
Jun. 9	+1,411	+31,9	+ 1,85	+20,2	−3	−1
19	+1,728	+31,3	+ 3,95	+21,7	−2	−2
29	+2,036	+29,9	+ 6,18	+22,6	−2	−2
Jul. 9	+2,325	+27,7	+ 8,47	+23,0	−2	−2
19	+2,589	+24,8	+10,77	+22,8	−2	−1
29	+2,821	+21,4	+13,03	+22,2	−1	−1
Aug. 8	+3,017	+17,6	+15,20	+21,0	−1	−1
18	+3,172	+13,4	+17,22	+19,4	0	−1
28	+3,285	+ 9,2	+19,07	+17,5	0	−1
Sept. 7	+3,355	+ 5,0	+20,72	+15,4	+1	0
17	+3,385	+ 1,1	+22,15	+13,1	+1	0
27	+3,377	− 2,5	+23,34	+10,7	+2	0
Oct. 7	+3,336	− 5,5	+24,29	+ 8,3	+2	+1
17	+3,267	− 8,0	+24,99	+ 5,8	+3	+1
27	+3,176	−10,0	+25,44	+ 3,3	+3	+2
Nov. 6	+3,068	−11,3	+25,64	+ 0,9	+3	+2
16	+2,950	−12,0	+25,61	− 1,5	+3	+2
26	+2,828	−12,3	+25,34	− 3,8	+4	+3
Dec. 6	+2,705	−12,1	+24,85	− 5,9	+4	+3
16	+2,587	−11,4	+24,16	− 7,9	+4	+3
26	+2,478	−10,3	+23,27	− 9,7	+3	+3
36	+2,381	− 8,9	+22,23	−11,1	+3	+3

	A. R. med.	Decl. med.
1790	h ′ ″ 22 54 18,6641	+ 14° 4′ 41″,817
1791	54 21,6435	5 1,041
1792	54 24,6229	5 20,266
1793	54 27,6024	5 39,493
1794	54 30,5818	5 58,721
1795	54 33,5614	6 17,950
1796	54 36,5410	6 37,180
1797	54 39,5207	6 56,411
1798	54 42,5004	7 15,643
1799	54 45,4802	7 34,877
1800	54 48,4600	7 54,112
1801	54 51,4399	8 13,348
1802	54 54,4198	8 32,585
1803	54 57,3998	8 51,823
1804	55 0,3798	9 11,062
1805	55 3,3599	9 30,302
1806	55 6,3401	9 49,544
1807	55 9,3203	10 8,787
1808	55 12,3005	10 28,031
1809	55 15,2808	10 47,276
1810	55 18,2612	11 6,523

Diei reducto addendum est:

ante } Mart. 2 { 0
post } Mart. 2 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Andromedae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1790	Jan. 0	23 57 34,877	+27 55 54,39	1800	Jan. 0	23 58 3,812	+27 59 4,80
	Apr. 10	34,830	53,95		Apr. 10	3,878	5,33
	Jul. 19	34,775	53,48		Jul. 19	3,949	5,87
	Oct. 27	34,712	52,96		Oct. 27	4,026	6,43
	Dec. 66	34,642	52,41		Dec. 66	4,109	7,02
1791	Jan. 0	23 57 37,738	+27 56 12,51	1801	Jan. 0	23 58 7,154	+27 59 26,73
	Apr. 10	37,663	11,94		Apr. 10	7,239	27,32
	Jul. 19	37,583	11,35		Jul. 19	7,328	27,91
	Oct. 27	37,497	10,75		Oct. 27	7,419	28,51
	Dec. 66	37,406	10,12		Dec. 66	7,513	29,11
1792	Jan. 1	23 57 40,509	+27 56 30,24	1802	Jan. 0	23 58 10,555	+27 59 48,82
	Apr. 10	40,415	29,62		Apr. 10	10,651	49,42
	Jul. 19	40,319	29,00		Jul. 19	10,747	50,00
	Oct. 27	40,221	28,37		Oct. 27	10,843	50,57
	Dec. 66	40,120	27,73		Dec. 66	10,939	51,13
1793	Jan. 0	23 57 43,225	+27 56 47,85	1803	Jan. 0	23 58 13,981	+28 0 10,86
	Apr. 10	43,124	47,23		Apr. 10	14,077	11,40
	Jul. 19	43,024	46,64		Jul. 19	14,170	11,91
	Oct. 27	42,925	46,07		Oct. 27	14,261	12,39
	Dec. 66	42,826	45,52		Dec. 66	14,349	12,85
1794	Jan. 0	23 57 45,931	+27 57 5,61	1804	Jan. 1	23 58 17,394	+28 0 32,61
	Apr. 10	45,834	5,08		Apr. 10	17,480	33,04
	Jul. 19	45,742	4,59		Jul. 19	17,561	33,42
	Oct. 27	45,653	4,14		Oct. 27	17,637	33,76
	Dec. 66	45,569	3,74		Dec. 66	17,707	34,06
1795	Jan. 0	23 57 48,669	+27 57 23,77	1805	Jan. 0	23 58 20,758	+28 0 53,88
	Apr. 10	48,588	23,40		Apr. 10	20,825	54,14
	Jul. 19	48,514	23,07		Jul. 19	20,884	54,35
	Oct. 27	48,447	22,80		Oct. 27	20,936	54,51
	Dec. 66	48,386	22,57		Dec. 66	20,981	54,62
1796	Jan. 1	23 57 51,478	+27 57 42,55	1806	Jan. 0	23 58 24,040	+28 1 14,50
	Apr. 10	51,422	42,36		Apr. 10	24,079	14,57
	Jul. 19	51,375	42,23		Jul. 19	24,110	14,58
	Oct. 27	51,336	42,16		Oct. 27	24,131	14,54
	Dec. 66	51,306	42,15		Dec. 66	24,144	14,44
1797	Jan. 0	23 57 54,388	+27 58 2,05	1807	Jan. 0	23 58 27,215	+28 1 34,38
	Apr. 10	54,363	2,07		Apr. 10	27,221	34,24
	Jul. 19	54,347	2,15		Jul. 19	27,219	34,05
	Oct. 27	54,330	2,29		Oct. 27	27,207	33,80
	Dec. 66	54,342	2,48		Dec. 66	27,185	33,50
1798	Jan. 0	23 57 57,414	+27 58 22,31	1808	Jan. 1	23 58 30,268	+28 1 53,51
	Apr. 10	57,422	22,54		Apr. 10	30,241	53,17
	Jul. 19	57,439	22,81		Jul. 19	30,205	52,79
	Oct. 27	57,464	23,13		Oct. 27	30,160	52,36
	Dec. 66	57,498	23,49		Dec. 66	30,106	51,89
1799	Jan. 0	23 58 0,559	+27 58 43,27	1809	Jan. 0	23 58 33,200	+28 2 11,96
	Apr. 10	0,598	43,67		Apr. 10	33,141	11,47
	Jul. 19	0,645	44,10		Jul. 19	33,076	10,94
	Oct. 27	0,698	44,57		Oct. 27	33,004	10,38
	Dec. 66	0,760	45,07		Dec. 66	32,925	9,79

Tabulae X. Sect. III. *α Andromedae.*

	1800		1800		Var. 10 annor.	
Jan. 0	—0″,212	—13,6	+ 8″,28	— 8,3	+3	+2
10	—0,346	—13,1	+ 7,31	—11,0	+3	+2
20	—0,473	—12,1	+ 6,09	—13,2	+3	+3
30	—0,587	—10,5	+ 4,68	—14,8	+2	+3
Febr. 9	—0,682	— 8,2	+ 3,14	—15,8	+2	+3
19	—0,751	— 5,4	+ 1,53	—16,1	+1	+3
Mart. 1	—0,790	— 2,0	— 0,08	—15,7	+1	+3
11	—0,791	+ 1,9	— 1,61	—14,5	0	+3
21	—0,752	+ 6,2	— 2,98	—12,5	0	+2
31	—0,668	+10,7	— 4,11	— 9,9	—1	+2
Apr. 10	—0,538	+15,3	— 4,96	— 6,8	—1	+2
20	—0,363	+19,7	— 5,47	— 3,2	—2	+1
30	—0,144	+23,9	— 5,60	+ 0,6	—2	+1
Maj. 10	+0,114	+27,5	— 5,35	+ 4,6	—2	0
20	+0,405	+30,4	— 4,69	+ 8,5	—3	0
30	+0,722	+32,6	— 3,66	+12,1	—3	—1
Jun. 9	+1,056	+33,9	— 2,27	+15,5	—3	—1
19	+1,399	+34,3	— 0,57	+18,4	—2	—2
29	+1,742	+33,8	+ 1,41	+20,9	—2	—2
Jul. 9	+2,074	+32,4	+ 3,61	+22,8	—2	—2
19	+2,389	+30,2	+ 5,97	+24,1	—2	—3
29	+2,678	+27,4	+ 8,43	+24,9	—1	—3
Aug. 8	+2,936	+24,0	+10,94	+25,1	—1	—3
18	+3,157	+20,1	+13,44	+24,7	0	—3
28	+3,338	+16,1	+15,88	+23,9	0	—3
Sept. 7	+3,478	+12,0	+18,21	+22,6	+1	—3
17	+3,577	+ 7,9	+20,40	+21,0	+2	—2
27	+3,635	+ 4,0	+22,41	+19,0	+2	—2
Oct. 7	+3,657	+ 0,5	+24,20	+16,8	+3	—2
17	+3,644	— 2,8	+25,76	+14,3	+3	—1
27	+3,601	— 5,6	+27,06	+11,7	+4	—1
Nov. 6	+3,532	— 8,0	+28,09	+ 8,8	+4	0
16	+3,441	—10,0	+28,81	+ 5,8	+5	0
26	+3,333	—11,5	+29,24	+ 2,8	+5	+1
Dec. 6	+3,212	—12,6	+29,36	— 0,4	+5	+1
16	+3,082	—13,3	+29,16	— 3,6	+5	+1
26	+2,946	—13,6	+28,65	— 6,6	+5	+2
36	+2,810	—13,4	+27,85	— 9,4	+5	+2

	A. R. med.	Decl. med.
1790	23h 57′ 33″,9025	+27° 55′ 49″,385
1791	57 36,9741	56 9,292
1792	57 40,0459	56 29,200
1793	57 43,1179	56 49,107
1794	57 46,1902	57 9,014
1795	57 49,2625	57 28,921
1796	57 52,3350	57 48,828
1797	57 55,4077	58 8,736
1798	57 58,4806	58 28,643
1799	58 1,5536	58 48,550
1800	58 4,6268	59 8,457
1801	58 7,7002	59 28,364
1802	58 10,7738	59 48,271
1803	58 13,8476	28 0 8,178
1804	58 16,9215	0 28,085
1805	58 19,9956	0 47,992
1806	58 23,0699	1 7,899
1807	58 26,1444	1 27,806
1808	58 29,2190	1 47,712
1809	58 32,2938	2 7,619
1810	58 35,3688	2 27,526

Diei reducto addendum est:

ante } Mart. 19 { 0
post } Mart. 19 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. III. *α Ursae minoris.*

						☉ + ☊	☽
1790	Jan. 0	0ʰ 50′ 34″,81	+ 0″,96	88° 11′ 12″,26	− 0″,57	406	226
	Apr. 10	35,77	+ 0,81	11,69	− 0,59		
	Jul. 19	36,58	+ 0,66	11,10	− 0,61		
	Oct. 27	37,24	+ 0,51	10,49	− 0,63		
	Dec. 66	37,75		9,86			
1791	Jan. 0	0 50 49,98	+ 0,40	88 11 29,66	− 0,64	352	595
	Apr. 10	50,38	+ 0,22	29,02	− 0,64		
	Jul. 19	50,62	+ 0,07	28,38	− 0,64		
	Oct. 27	50,69	− 0,10	27,74	− 0,64		
	Dec. 66	50,59		27,10			
1792	Jan. 1	0 51 3,09	− 0,21	88 11 46,89	− 0,64	298	963
	Apr. 10	2,88	− 0,38	46,25	− 0,61		
	Jul. 19	2,50	− 0,54	45,64	− 0,59		
	Oct. 27	1,96	− 0,70	45,05	− 0,58		
	Dec. 66	1,26		44,47			
1793	Jan. 0	0 51 14,03	− 0,80	88 12 4,23	− 0,55	244	331
	Apr. 10	13,23	− 0,94	3,68	− 0,52		
	Jul. 19	12,29	− 1,08	3,16	− 0,48		
	Oct. 27	11,21	− 1,21	2,68	− 0,43		
	Dec. 66	10,00		2,25			
1794	Jan. 0	0 51 23,00	− 1,30	88 12 21,96	− 0,41	191	699
	Apr. 10	21,70	− 1,39	21,55	− 0,35		
	Jul. 19	20,31	− 1,49	21,20	− 0,30		
	Oct. 27	18,82	− 1,59	20,90	− 0,25		
	Dec. 66	17,23		20,65			
1795	Jan. 0	0 51 30,41	− 1,64	88 12 40,29	− 0,21	137	068
	Apr. 10	28,77	− 1,68	40,08	− 0,15		
	Jul. 19	27,09	− 1,73	39,93	− 0,09		
	Oct. 27	25,36	− 1,77	39,84	− 0,05		
	Dec. 66	23,59		39,79			
1796	Jan. 1	0 51 36,90	− 1,80	88 12 59,36	+ 0,01	083	436
	Apr. 10	35,10	− 1,78	59,37	+ 0,06		
	Jul. 19	33,32	− 1,76	59,43	+ 0,12		
	Oct. 27	31,56	− 1,73	59,55	+ 0,18		
	Dec. 66	29,83		59,73			
1797	Jan. 0	0 51 43,19	− 1,72	88 13 19,22	+ 0,21	029	804
	Apr. 10	41,47	− 1,67	19,43	+ 0,27		
	Jul. 19	39,80	− 1,59	19,70	+ 0,31		
	Oct. 27	38,21	− 1,54	20,01	+ 0,37		
	Dec. 66	36,67		20,38			
1798	Jan. 0	0 51 50,03	− 1,48	88 13 39,80	+ 0,40	976	172
	Apr. 10	48,55	− 1,36	40,20	+ 0,43		
	Jul. 19	47,19	− 1,26	40,63	+ 0,48		
	Oct. 27	45,93	− 1,15	41,11	+ 0,51		
	Dec. 66	44,78		41,62			
1799	Jan. 0	0 51 58,07	− 1,06	88 14 0,99	+ 0,53	922	541
	Apr. 10	57,01	− 0,93	1,52	+ 0,55		
	Jul. 19	56,08	− 0,78	2,07	+ 0,58		
	Oct. 27	55,30	− 0,65	2,65	+ 0,60		
	Dec. 66	54,65		3,25			

Tabulae X. Sect. III. *α Ursae minoris.*

						⊙ + ☊	☽
1800	Jan. 0	0h 52′ 7″,84	− 0″,54	88° 14′ 22″,59	+ 0″,60	868	909
	Apr. 10	7,30	− 0,39	23,19	+ 0,61		
	Jul. 19	6,91	− 0,23	23,80	+ 0,62		
	Oct. 27	6,68	− 0,07	24,42	+ 0,61		
	Dec. 66	6,61		25,03			
1801	Jan. 0	0 52 19,68	+ 0,03	88 14 44,37	+ 0,61	815	277
	Apr. 10	19,71	+ 0,20	44,98	+ 0,60		
	Jul. 19	19,91	+ 0,35	45,58	+ 0,59		
	Oct. 27	20,26	+ 0,51	46,17	+ 0,57		
	Dec. 66	20,77		46,74			
1802	Jan. 0	0 52 33,71	+ 0,61	88 15 6,09	+ 0,56	761	646
	Apr. 10	34,32	+ 0,76	6,65	+ 0,53		
	Jul. 19	35,08	+ 0,92	7,18	+ 0,50		
	Oct. 27	35,98	+ 1,04	7,68	+ 0,46		
	Dec. 66	37,02		8,14			
1803	Jan. 0	0 52 49,86	+ 1,13	88 15 27,52	+ 0,44	707	014
	Apr. 10	50,99	+ 1,24	27,96	+ 0,40		
	Jul. 19	52,23	+ 1,36	28,36	+ 0,35		
	Oct. 27	53,59	+ 1,47	28,71	+ 0,32		
	Dec. 66	55,06		29,03			
1804	Jan. 1	0 53 7,83	+ 1,54	88 15 48,46	+ 0,27	653	382
	Apr. 10	9,37	+ 1,60	48,73	+ 0,23		
	Jul. 19	10,97	+ 1,68	48,96	+ 0,17		
	Oct. 27	12,65	+ 1,75	49,13	+ 0,12		
	Dec. 66	14,40		49,25			
1805	Jan. 0	0 53 27,15	+ 1,78	88 16 8,74	+ 0,08	600	750
	Apr. 10	28,93	+ 1,80	8,82	+ 0,03		
	Jul. 19	30,73	+ 1,81	8,85	− 0,04		
	Oct. 27	32,54	+ 1,83	8,81	− 0,09		
	Dec. 66	34,37		8,72			
1806	Jan. 0	0 53 47,18	+ 1,83	88 16 28,28	− 0,13	546	119
	Apr. 10	49,01	+ 1,78	28,15	− 0,19		
	Jul. 19	50,79	+ 1,75	27,96	− 0,24		
	Oct. 27	52,54	+ 1,71	27,72	− 0,30		
	Dec. 66	54,25		27,42			
1807	Jan. 0	0 54 7,18	+ 1,67	88 16 47,04	− 0,33	492	487
	Apr. 10	8,85	+ 1,57	46,71	− 0,38		
	Jul. 19	10,42	+ 1,48	46,33	− 0,42		
	Oct. 27	11,90	+ 1,38	45,91	− 0,48		
	Dec. 66	13,28		45,43			
1808	Jan. 1	0 54 26,41	+ 1,29	88 17 5,10	− 0,50	438	855
	Apr. 10	27,70	+ 1,17	4,60	− 0,53		
	Jul. 19	28,87	+ 1,03	4,07	− 0,56		
	Oct. 27	29,90	+ 0,89	3,51	− 0,59		
	Dec. 66	30,79		2,92			
1809	Jan. 0	0 54 44,16	+ 0,78	88 17 22,62	− 0,61	385	223
	Apr. 10	44,94	+ 0,62	22,01	− 0,62		
	Jul. 19	45,56	+ 0,44	21,39	− 0,64		
	Oct. 27	46.00	+ 0,28	20,75	− 0,65		
	Dec. 66	46,28		20,10			

Tabulae X. Sect. III. *α Ursae minoris.*

	Corr. A. R. pro 1800		Variatio annua		Corr. Decl. pro 1800		Variatio annua		Mot. Arg. ⊙+☊	☽
	″	″	″		″	″	″			
Jan. 0	+ 4,75	−6,95	+0,0564	−206	+20,11	+0,54	−0,0019	+33	000	000
10	− 2,20	−6,97	+0,0358	−221	+20,65	−0,13	+0,0014	+32	026	365
20	− 9,17	−6,73	+0,0137	−227	+20,52	−0,76	+0,0046	+31	052	730
30	−15,90	−6,24	−0,0090	−224	+19,76	−1,38	+0,0077	+28	078	095
Febr. 9	−22,14	−5,49	−0,0314	−211	+18,38	−1,91	+0,0105	+25	103	460
19	−27,63	−4,54	−0,0525	−190	+16,47	−2,38	+0,0130	+20	129	825
Mart. 1	−32,17	−3,40	−0,0715	−164	+14,09	−2,73	+0,0150	+15	155	190
11	−35,57	−2,15	−0,0879	−129	+11,36	−2,97	+0,0165	+10	181	555
21	−37,72	−0,83	−0,1008	− 90	+ 8,39	−3,08	+0,0175	+ 3	207	920
31	−38,55	+0,52	−0,1098	− 48	+ 5,31	−3,08	+0,0178	− 3	233	285
Apr. 10	−38,03	+1,81	−0,1146	− 6	+ 2,23	−2,94	+0,0175	− 8	258	650
20	−36,22	+3,04	−0,1152	+ 37	− 0,71	−2,71	+0,0167	−14	284	015
30	−33,18	+4,12	−0,1115	+ 76	− 3,42	−2,37	+0,0153	−19	310	380
Maj. 10	−29,06	+5,07	−0,1039	+114	− 5,79	−1,96	+0,0134	−22	336	745
20	−23,99	+5,83	−0,0925	+146	− 7,75	−1,48	+0,0112	−26	362	110
30	−18,16	+6,42	−0,0779	+174	− 9,23	−0,96	+0,0086	−29	388	475
Jun. 9	−11,74	+6,79	−0,0605	+197	−10,19	−0,42	+0,0057	−29	413	840
19	− 4,95	+6,99	−0,0408	+213	−10,61	+0,14	+0,0028	−31	439	205
29	+ 2,04	+7,00	−0,0195	+226	−10,47	+0,69	−0,0003	−31	465	570
Jul. 9	+ 9,04	+6,85	+0,0031	+231	− 9,78	+1,22	−0,0034	−30	491	935
19	+15,89	+6,53	+0,0262	+233	− 8,56	+1,73	−0,0064	−30	517	300
29	+22,42	+6,08	+0,0495	+228	− 6,83	+2,19	−0,0094	−26	543	665
Aug. 8	+28,50	+5,49	+0,0723	+219	− 4,64	+2,60	−0,0120	−25	568	030
18	+33,99	+4,80	+0,0942	+206	− 2,04	+2,97	−0,0145	−21	594	395
28	+38,79	+4,01	+0,1148	+189	+ 0,93	+3,28	−0,0166	−18	620	760
Sept. 7	+42,80	+3,13	+0,1337	+167	+ 4,21	+3,51	−0,0184	−14	646	125
17	+45,93	+2,19	+0,1504	+143	+ 7,72	+3,69	−0,0198	− 9	672	490
27	+48,12	+1,18	+0,1647	+114	+11,41	+3,78	−0,0207	− 5	698	855
Oct. 7	+49,30	+0,14	+0,1761	+ 82	+15,19	+3,81	−0,0212	− 1	723	220
17	+49,44	−0,94	+0,1843	+ 48	+19,00	+3,74	−0,0213	+ 5	749	585
27	+48,50	−2,01	+0,1891	+ 12	+22,74	+3,60	−0,0208	+10	775	950
Nov. 6	+46,49	−3,08	+0,1903	− 27	+26,34	+3,35	−0,0198	+15	801	315
16	+43,41	−4,08	+0,1876	− 64	+29,69	+3,03	−0,0183	+19	827	680
26	+39,33	−5,00	+0,1812	−102	+32,72	+2,61	−0,0164	+24	853	045
Dec. 6	+34,33	−5,79	+0,1710	−138	+35,33	+2,11	−0,0140	+27	879	410
16	+28,54	−6,41	+0,1572	−168	+37,44	+1,55	−0,0113	+31	904	775
26	+22,13	−6,82	+0,1404	−195	+38,99	+0,94	−0,0082	+31	930	140
36	+15,31		+0,1209		+39,93		−0,0051		956	505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori	ante / post	Apr. 3	+ 1 / + 2
pro Culminatione inferiori	ante / post	Oct. 7	+ 1,5 / + 2,5

Tabulae X. Sect. III. *α Ursae minoris.*

Motus Arg.

Dies	⊙+☊	☽
1	003	037
2	005	073
3	008	110
4	010	146
5	013	183
6	016	219
7	018	256
8	021	292
9	023	329
10	026	365

Arg. ⊙ + ☊

Arg.	A. R.	Arg.
000	—0″,02 +	500
010	—0,02 +	510
020	—0,02 +	520
030	—0,01 +	530
040	—0,01 +	540
050	—0,01 +	550
060	0,00	560
070	0,00	570
080	0,00	580
090	+0,01 —	590
100	+0,01 —	600
110	+0,01 —	610
120	+0,02 —	620
130	+0,02 —	630
140	+0,02 —	640
150	+0,02 —	650
160	+0,03 —	660
170	+0,03 —	670
180	+0,03 —	680
190	+0,04 —	690
200	+0,04 —	700
210	+0,04 —	710
220	+0,04 —	720
230	+0,04 —	730
240	+0,05 —	740
250	+0,05 —	750
260	+0,05 —	760
270	+0,05 —	770
280	+0,05 —	780
290	+0,05 —	790
300	+0,05 —	800
310	+0,05 —	810
320	+0,05 —	820
330	+0,05 —	830
340	+0,05 —	840
350	+0,05 —	850
360	+0,05 —	860
370	+0,05 —	870
380	+0,05 —	880
390	+0,05 —	890
400	+0,05 —	900
410	+0,04 —	910
420	+0,04 —	920
430	+0,04 —	930
440	+0,04 —	940
450	+0,04 —	950
460	+0,03 —	960
470	+0,03 —	970
480	+0,03 —	980
490	+0,03 —	990

Arg. ☽

Arg.	Arg.	A. R.	Decl.
000	500	— 0″,19	+ 0″,02
010	510	— 0,19	+ 0,01
020	520	— 0,19	0,00
030	530	— 0,19	— 0,01
040	540	— 0,19	— 0,02
050	550	— 0,18	— 0,03
060	560	— 0,17	— 0,04
070	570	— 0,16	— 0,05
080	580	— 0,14	— 0,06
090	590	— 0,13	— 0,06
100	600	— 0,11	— 0,07
110	610	— 0,09	— 0,07
120	620	— 0,06	— 0,08
130	630	— 0,04	— 0,08
140	640	— 0,02	— 0,08
150	650	+ 0,01	— 0,08
160	660	+ 0,03	— 0,08
170	670	+ 0,06	— 0,08
180	680	+ 0,08	— 0,07
190	690	+ 0,10	— 0,07
200	700	+ 0,12	— 0,06
210	710	+ 0,14	— 0,06
220	720	+ 0,15	— 0,05
230	730	+ 0,17	— 0,04
240	740	+ 0,18	— 0,03
250	750	+ 0,19	— 0,02
260	760	+ 0,19	— 0,01
270	770	+ 0,19	0,00
280	780	+ 0,19	+ 0,01
290	790	+ 0,19	+ 0,02
300	800	+ 0,18	+ 0,03
310	810	+ 0,17	+ 0,04
320	820	+ 0,16	+ 0,05
330	830	+ 0,14	+ 0,06
340	840	+ 0,13	+ 0,06
350	850	+ 0,11	+ 0,07
360	860	+ 0,09	+ 0,07
370	870	+ 0,06	+ 0,08
380	880	+ 0,04	+ 0,08
390	890	+ 0,02	+ 0,08
400	900	— 0,01	+ 0,08
410	910	— 0,03	+ 0,08
420	920	— 0,06	+ 0,08
430	930	— 0,08	+ 0,07
440	940	— 0,10	+ 0,07
450	950	— 0,12	+ 0,06
460	960	— 0,14	+ 0,06
470	970	— 0,15	+ 0,05
480	980	— 0,17	+ 0,04
490	990	— 0,18	+ 0,03

Tabulae X. Sect. III. *α Ursae minoris.*

	A. R. med.	+	Decl. med.	+
	h ′ ″	″	° ′ ″	″
1790	0 50 19,136	12,380	88 11 8,772	19,581
1791	50 31,516	12,444	11 28,353	19,577
1792	50 43,960	12,511	11 47,930	19,573
1793	50 56,471	12,577	12 7,503	19,569
1794	51 9,048	12,644	12 27,072	19,565
1795	51 21,692	12,712	12 46,637	19,561
1796	51 34,404	12,780	13 6,198	19,556
1797	51 47,184	12,849	13 25,754	19,552
1798	52 0,033	12,918	13 45,306	19,547
1799	52 12,951	12,989	14 4,853	19,543
1800	52 25,940	13,060	14 24,396	19,539
1801	52 39,000	13,131	14 43,935	19,534
1802	52 52,131	13,203	15 3,469	19,530
1803	53 5,334	13,276	15 22,999	19,525
1804	53 18,610	13,350	15 42,524	19,520
1805	53 31,960	13,424	16 2,044	19,516
1806	53 45,384	13,499	16 21,560	19,511
1807	53 58,883	13,575	16 41,071	19,506
1808	54 12,458	13,651	17 0,577	19,501
1809	54 26,109	13,728	17 20,078	19,496
1810	54 39,837		17 39,574	

Tabulae X. Sectio quarta.

Adscensiones rectae et Declinationes mediae et apparentes
Stellarum 36 fundamentalium atque α et δ Ursae minoris,

ab Anno 1810 usque ad Annum 1830.

Tabulae X. Sect. IV. *γ Pegasi.*

		h ' "	° ' "			h ' "	° ' "
1810	Jan. 0	0 3 28,385	+14 7 38,12	1820	Jan. 1	0 3 58,403	+14 10 55,64
	Apr. 10	28,296	37,52		Apr. 10	58,495	56,24
	Jul. 19	28,205	36,90		Jul. 19	58,588	56,84
	Oct. 27	28,111	36,28		Oct. 27	58,681	57,43
	Dec. 66	28,014	35,64		Dec. 66	58,774	58,02
1811	Jan. 0	0 3 31,125	+14 7 55,88	1821	Jan. 0	0 4 1,822	+14 11 17,86
	Apr. 10	31,027	55,25		Apr. 10	1,915	18,43
	Jul. 19	30,929	54,63		Jul. 19	2,006	18,99
	Oct. 27	30,832	54,02		Oct. 27	2,095	19,53
	Dec. 66	30,735	53,43		Dec. 66	2,183	20,04
1812	Jan. 1	0 3 33,845	+14 8 13,65	1822	Jan. 0	0 4 5,232	+14 11 39,90
	Apr. 10	33,750	13,07		Apr. 10	5,317	40,39
	Jul. 19	33,658	12,52		Jul. 19	5,398	40,85
	Oct. 27	33,569	12,00		Oct. 27	5,474	41,27
	Dec. 66	33,484	11,51		Dec. 66	5,545	41,65
1813	Jan. 0	0 3 36,590	+14 8 31,70	1823	Jan. 0	0 4 8,600	+14 12 1,56
	Apr. 10	36,508	31,24		Apr. 10	8,667	1,92
	Jul. 19	36,432	30,83		Jul. 19	8,729	2,22
	Oct. 27	36,363	30,46		Oct. 27	8,783	2,48
	Dec. 66	36,300	30,13		Dec. 66	8,830	2,69
1814	Jan. 0	0 3 39,398	+14 8 50,26	1824	Jan. 1	0 4 11,894	+14 12 22,65
	Apr. 10	39,340	49,97		Apr. 10	11,936	22,82
	Jul. 19	39,289	49,74		Jul. 19	11,970	22,94
	Oct. 27	39,247	49,56		Oct. 27	11,996	23,00
	Dec. 66	39,212	49,44		Dec. 66	12,013	23,01
1815	Jan. 0	0 3 42,300	+14 9 9,50	1825	Jan. 0	0 4 15,087	+14 12 43,05
	Apr. 10	42,271	9,42		Apr. 10	15,098	43,02
	Jul. 19	42,251	9,40		Jul. 19	15,101	42,93
	Oct. 27	42,240	9,42		Oct. 27	15,094	42,79
	Dec. 66	42,237	9,50		Dec. 66	15,079	42,59
1816	Jan. 1	0 3 45,315	+14 9 29,50	1826	Jan. 0	0 4 18,165	+14 13 2,68
	Apr. 10	45,318	29,62		Apr. 10	18,144	2,44
	Jul. 19	45,330	29,79		Jul. 19	18,114	2,15
	Oct. 27	45,350	30,02		Oct. 27	18,076	1,81
	Dec. 66	45,378	30,30		Dec. 66	18,029	1,42
1817	Jan. 0	0 3 48,446	+14 9 50,23	1827	Jan. 0	0 4 21,124	+14 13 21,59
	Apr. 10	48,480	50,54		Apr. 10	21,072	21,17
	Jul. 19	48,522	50,90		Jul. 19	21,013	20,71
	Oct. 27	48,571	51,30		Oct. 27	20,947	20,21
	Dec. 66	48,627	51,74		Dec. 66	20,874	19,67
1818	Jan. 0	0 3 51,686	+14 10 11,61	1828	Jan. 1	0 4 23,978	+14 13 39,88
	Apr. 10	51,747	12,08		Apr. 10	23,900	39,33
	Jul. 19	51,813	12,57		Jul. 19	23,818	38,75
	Oct. 27	51,885	13,09		Oct. 27	23,732	38,15
	Dec. 66	51,962	13,64		Dec. 66	23,641	37,53
1819	Jan. 0	0 3 55,014	+14 10 33,48	1829	Jan. 0	0 4 26,751	+14 13 57,77
	Apr. 10	55,095	34,04		Apr. 10	26,657	57,14
	Jul. 19	55,179	34,62		Jul. 19	26,562	56,51
	Oct. 27	55,266	35,21		Oct. 27	26,466	55,88
	Dec. 66	55,355	35,81		Dec. 66	26,368	55,26

Tabulae X. Sect. IV. γ *Pegasi*.

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	−0,152	−11,3	+ 3,77	− 7,8	+3	+2
10	−0,265	−11,0	+ 2,94	− 8,9	+3	+2
20	−0,372	−10,2	+ 2,00	− 9,7	+3	+2
30	−0,469	− 9,0	+ 1,00	−10,2	+2	+2
Febr. 9	−0,551	− 7,2	− 0,03	−10,2	+2	+2
19	−0,612	− 4,9	− 1,04	− 9,7	+2	+2
Mart. 1	−0,648	− 2,0	− 1,97	− 8,6	+1	+2
11	−0,652	+ 1,4	− 2,76	− 7,0	0	+2
21	−0,621	+ 5,1	− 3,37	− 5,0	0	+1
31	−0,550	+ 9,2	− 3,75	− 2,4	−1	+1
Apr. 10	−0,438	+13,3	− 3,85	+ 0,5	−1	+1
20	−0,284	+17,4	− 3,65	+ 3,6	−2	0
30	−0,090	+21,3	− 3,14	+ 6,7	−2	0
Maj. 10	+0,142	+24,8	− 2,31	+ 9,9	−2	−1
20	+0,406	+27,8	− 1,17	+12,8	−2	−1
30	+0,697	+30,1	+ 0,25	+15,5	−2	−1
Jun. 9	+1,007	+31,5	+ 1,92	+17,8	−3	−2
19	+1,327	+32,2	+ 3,80	+19,5	−2	−2
29	+1,650	+32,0	+ 5,82	+20,8	−2	−2
Jul. 9	+1,966	+30,9	+ 7,95	+21,5	−2	−2
19	+2,268	+29,2	+10,12	+21,7	−2	−2
29	+2,549	+26,7	+12,28	+21,4	−2	−2
Aug. 8	+2,801	+23,6	+14,39	+20,5	−1	−2
18	+3,021	+20,2	+16,38	+19,2	−1	−2
28	+3,204	+16,4	+18,23	+17,7	0	−2
Sept. 7	+3,348	+12,5	+19,91	+15,8	0	−2
17	+3,454	+ 8,8	+21,39	+13,7	+1	−1
27	+3,523	+ 5,1	+22,65	+11,5	+1	−1
Oct. 7	+3,556	+ 1,7	+23,68	+ 9,2	+2	−1
17	+3,557	− 1,4	+24,49	+ 7,0	+2	0
27	+3,529	− 4,0	+25,08	+ 4,8	+3	0
Nov. 6	+3,477	− 6,2	+25,44	+ 2,6	+3	0
16	+3,405	− 8,0	+25,59	+ 0,5	+4	+1
26	+3,318	− 9,3	+25,54	− 1,5	+4	+1
Dec. 6	+3,219	−10,4	+25,29	− 3,4	+4	+1
16	+3,110	−11,1	+24,86	− 5,2	+4	+1
26	+2,998	−11,4	+24,25	− 6,8	+4	+2
36	+2,883	−11,5	+23,50	− 8,3	+4	+2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	0 3 27,8849	+ 14 7 35,929
1811	3 30,9625	7 55,959
1812	3 34,0402	8 15,989
1813	3 37,1180	8 36,018
1814	3 40,1959	8 56,047
1815	3 43,2738	9 16,076
1816	3 46,3519	9 36,105
1817	3 49,4301	9 56,134
1818	3 52,5084	10 16,163
1819	3 55,5868	10 36,191
1820	3 58,6652	10 56,220
1821	4 1,7438	11 16,248
1822	4 4,8224	11 36,276
1823	4 7,9012	11 56,304
1824	4 10,9800	12 16,333
1825	4 14,0590	12 36,369
1826	4 17,1381	12 56,388
1827	4 20,2172	13 16,415
1828	4 23,2965	13 36,443
1829	4 26,3758	13 56,470
1830	4 29,4552	14 16,497

Diei reducto addendum est:

ante } Mart. 21 { + 1
post } Mart. 21 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Arietis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	1 56 29,888	+22 33 26,59	1820	Jan. 1	1 57 2,502	+22 36 26,00
	Apr. 10	29,793	25,94		Apr. 10	2,601	26,55
	Jul. 19	29,695	25,32		Jul. 19	2,702	27,06
	Oct. 27	29,593	24,73		Oct. 27	2,803	27,53
	Dec. 66	29,488	24,16		Dec. 66	2,906	27,97
1811	Jan. 0	1 56 32,877	+22 33 41,72	1821	Jan. 0	1 57 6,228	+22 36 45,18
	Apr. 10	32,771	41,18		Apr. 10	6,330	45,58
	Jul. 19	32,664	40,69		Jul. 19	6,431	45,94
	Oct. 27	32,557	40,25		Oct. 27	6,530	46,24
	Dec. 66	32,451	39,85		Dec. 66	6,627	46,49
1812	Jan. 1	1 56 35,840	+22 33 57,35	1822	Jan. 0	1 57 9,951	+22 37 3,76
	Apr. 10	35,734	56,99		Apr. 10	10,046	3,97
	Jul. 19	35,632	56,69		Jul. 19	10,136	4,12
	Oct. 27	35,533	56,45		Oct. 27	10,222	4,22
	Dec. 66	35,438	56,27		Dec. 66	10,303	4,26
1813	Jan. 0	1 56 38,824	+22 34 13,69	1823	Jan. 0	1 57 13,633	+22 37 21,60
	Apr. 10	38,732	13,55		Apr. 10	13,710	21,59
	Jul. 19	38,646	13,48		Jul. 19	13,780	21,53
	Oct. 27	38,567	13,47		Oct. 27	13,843	21,41
	Dec. 66	38,494	13,52		Dec. 66	13,899	21,23
1814	Jan. 0	1 56 41,871	+22 34 30,86	1824	Jan. 1	1 57 17,237	+22 37 38,64
	Apr. 10	41,803	30,96		Apr. 10	17,287	38,41
	Jul. 19	41,744	31,11		Jul. 19	17,329	38,14
	Oct. 27	41,693	31,33		Oct. 27	17,362	37,81
	Dec. 66	41,651	31,61		Dec. 66	17,386	37,43
1815	Jan. 0	1 56 45,018	+22 34 48,87	1825	Jan. 0	1 57 20,735	+22 37 54,90
	Apr. 10	44,982	49,19		Apr. 10	20,752	54,47
	Jul. 19	44,955	49,55		Jul. 19	20,760	54,00
	Oct. 27	44,938	49,96		Oct. 27	20,758	53,49
	Dec. 66	44,930	50,43		Dec. 66	20,746	52,94
1816	Jan. 1	1 56 48,286	+22 35 7,63	1826	Jan. 0	1 57 24,108	+22 38 10,47
	Apr. 10	48,284	8,12		Apr. 10	24,089	9,89
	Jul. 19	48,292	8,65		Jul. 19	24,061	9,29
	Oct. 27	48,309	9,21		Oct. 27	24,024	8,66
	Dec. 66	48,336	9,81		Dec. 66	23,977	8,00
1817	Jan. 0	1 56 51,681	+22 35 26,97	1827	Jan. 0	1 57 27,351	+22 38 25,55
	Apr. 10	51,714	27,58		Apr. 10	27,298	24,88
	Jul. 19	51,755	28,21		Jul. 19	27,237	24,21
	Oct. 27	51,804	28,85		Oct. 27	27,168	23,53
	Dec. 66	51,862	29,51		Dec. 66	27,091	22,84
1818	Jan. 0	1 56 55,197	+22 35 46,64	1828	Jan. 1	1 57 30,475	+22 38 40,40
	Apr. 10	55,260	47,31		Apr. 10	30,393	39,72
	Jul. 19	55,329	47,97		Jul. 19	30,306	39,05
	Oct. 27	55,404	48,62		Oct. 27	30,214	38,40
	Dec. 66	55,486	49,27		Dec. 66	30,116	37,77
1819	Jan. 0	1 56 58,814	+22 36 6,41	1829	Jan. 0	1 57 33,506	+22 38 55,31
	Apr. 10	58,898	7,05		Apr. 10	33,406	54,69
	Jul. 19	58,989	7,67		Jul. 19	33,303	54,11
	Oct. 27	59,082	8,26		Oct. 27	33,198	53,57
	Dec. 66	59,180	8,83		Dec. 66	33,091	53,07

Tabulae X. Sect. IV. *α Arietis.*

	1820		1820		Var. 10 annor.	
Jan. 0	+0″,552	−10,5	+5″,91	−2,3	+4	+1
10	+0,436	−12,4	+5,60	−4,0	+4	+1
20	+0,304	−13,8	+5,12	−5,6	+4	+1
30	+0,160	−14,6	+4,49	−7,0	+4	+2
Febr. 9	+0,012	−14,7	+3,72	−8,2	+3	+2
19	−0,133	−13,9	+2,86	−8,9	+3	+2
Mart. 1	−0,265	−12,1	+1,94	−9,3	+3	+2
11	−0,375	−9,6	+1,00	−9,2	+2	+2
21	−0,456	−6,2	+0,11	−8,5	+2	+2
31	−0,499	−2,2	−0,70	−7,4	+1	+2
Apr. 10	−0,499	+2,4	−1,36	−5,7	0	+2
20	−0,452	+7,1	−1,84	−3,7	0	+1
30	−0,357	+12,0	−2,09	−1,2	−1	+1
Maj. 10	−0,212	+16,8	−2,08	+1,5	−1	0
20	−0,022	+21,2	−1,80	+4,2	−1	0
30	+0,211	+25,1	−1,24	+7,0	−2	−1
Jun. 9	+0,480	+28,3	−0,40	+9,7	−2	−1
19	+0,777	+30,9	+0,69	+12,1	−2	−2
29	+1,097	+32,4	+2,01	+14,2	−2	−2
Jul. 9	+1,425	+33,2	+3,52	+15,9	−2	−2
19	+1,760	+33,3	+5,18	+17,1	−2	−3
29	+2,090	+32,4	+6,94	+18,0	−2	−3
Aug. 8	+2,408	+31,0	+8,77	+18,3	−2	−4
18	+2,709	+28,9	+10,60	+18,2	−2	−4
28	+2,986	+26,4	+12,41	+17,7	−1	−4
Sept. 7	+3,237	+23,7	+14,14	+16,8	−1	−4
17	+3,459	+20,6	+15,77	+15,7	0	−4
27	+3,649	+17,4	+17,27	+14,3	0	−4
Oct. 7	+3,807	+14,2	+18,63	+12,8	+1	−4
17	+3,933	+11,0	+19,83	+11,2	+2	−4
27	+4,027	+7,9	+20,86	+9,4	+2	−4
Nov. 6	+4,090	+4,8	+21,71	+7,7	+3	−4
16	+4,123	+1,9	+22,40	+6,0	+4	−3
26	+4,127	−1,1	+22,90	+4,2	+4	−3
Dec. 6	+4,101	−4,0	+23,24	+2,5	+5	−3
16	+4,048	−6,6	+23,39	+0,6	+5	−2
26	+3,969	−9,1	+23,36	−1,2	+5	−2
36	+3,866	−11,3	+23,16	−2,9	+6	−2

	A. R. med.	Decl. med.
1810	1h 56′ 29″,2935	+22° 33′ 23″,703
1811	56 32,6471	33 46,076
1812	56 36,0009	34 3,446
1813	56 39,3549	34 20,813
1814	56 42,7091	34 38,179
1815	56 46,0636	34 55,542
1816	56 49,4182	35 12,902
1817	56 52,7730	35 30,260
1818	56 56,1280	35 47,616
1819	56 59,4832	36 4,969
1820	57 2,8388	36 22,320
1821	57 6,1945	36 39,669
1822	57 9,5504	36 57,015
1823	57 12,9065	37 14,358
1824	57 16,2628	37 31,700
1825	57 19,6190	37 49,039
1826	57 22,9757	38 6,375
1827	57 26,3326	38 23,709
1828	57 29,6897	38 41,041
1829	57 33,0470	38 58,370
1830	57 36,4043	39 15,697

Diei reducto addendum est:

ante } Apr. 21 { + 1
post } Apr. 21 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Ceti.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	2 52 21,963	+ 3 20 8,49	1820	Jan. 1	2 52 52,658	+ 3 22 43,18
	Apr. 10	21,869	7,88		Apr. 10	52,752	43,66
	Jul. 19	21,774	7,31		Jul. 19	52,846	44,08
	Oct. 27	21,677	6,79		Oct. 27	52,939	44,45
	Dec. 66	21,578	6,31		Dec. 66	53,032	44,77
1811	Jan. 0	2 52 24,733	+ 3 20 20,98	1821	Jan. 0	2 52 56,123	+ 3 22 59,16
	Apr. 10	24,634	20,54		Apr. 10	56,215	59,44
	Jul. 19	24,537	20,16		Jul. 19	56,304	59,65
	Oct. 27	24,441	19,84		Oct. 27	56,390	59,81
	Dec. 66	24,346	19,58		Dec. 66	56,472	59,90
1812	Jan. 1	2 52 27,500	+ 3 20 34,18	1822	Jan. 0	2 52 59,568	+ 3 23 14,36
	Apr. 10	27,407	33,97		Apr. 10	59,648	14,41
	Jul. 19	27,319	33,82		Jul. 19	59,722	14,40
	Oct. 27	27,236	33,75		Oct. 27	59,791	14,32
	Dec. 66	27,157	33,74		Dec. 66	59,854	14,18
1813	Jan. 0	2 52 30,305	+ 3 20 48,25	1823	Jan. 0	2 53 2,956	+ 3 23 28,72
	Apr. 10	30,230	48,28		Apr. 10	3,015	28,54
	Jul. 19	30,161	48,38		Jul. 19	3,067	28,29
	Oct. 27	30,100	48,56		Oct. 27	3,112	27,99
	Dec. 66	30,046	48,81		Dec. 66	3,149	27,62
1814	Jan. 0	2 52 33,185	+ 3 21 3,23	1824	Jan. 1	2 53 6,260	+ 3 23 42,23
	Apr. 10	33,136	3,51		Apr. 10	6,292	41,83
	Jul. 19	33,096	3,85		Jul. 19	6,315	41,37
	Oct. 27	33,064	4,25		Oct. 27	6,329	40,87
	Dec. 66	33,040	4,71		Dec. 66	6,335	40,32
1815	Jan. 0	2 52 36,169	+ 3 21 19,06	1825	Jan. 0	2 53 9,457	+ 3 23 54,98
	Apr. 10	36,152	19,55		Apr. 10	9,457	54,40
	Jul. 19	36,143	20,08		Jul. 19	9,448	53,79
	Oct. 27	36,143	20,65		Oct. 27	9,430	53,14
	Dec. 66	36,151	21,27		Dec. 66	9,403	52,46
1816	Jan. 1	2 52 39,270	+ 3 21 35,57	1826	Jan. 0	2 53 12,537	+ 3 24 7,16
	Apr. 10	39,285	36,21		Apr. 10	12,504	6,46
	Jul. 19	39,308	36,87		Jul. 19	12,463	5,75
	Oct. 27	39,339	37,55		Oct. 27	12,414	5,03
	Dec. 66	39,379	38,25		Dec. 66	12,357	4,30
1817	Jan. 0	2 52 42,487	+ 3 21 52,52	1827	Jan. 0	2 53 15,500	+ 3 24 19,01
	Apr. 10	42,532	53,23		Apr. 10	15,438	18,28
	Jul. 19	42,584	53,94		Jul. 19	15,370	17,55
	Oct. 27	42,643	54,65		Oct. 27	15,295	16,84
	Dec. 66	42,708	55,36		Dec. 66	15,214	16,14
1818	Jan. 0	2 52 45,808	+ 3 22 9,62	1828	Jan. 1	2 53 18,365	+ 3 24 30,84
	Apr. 10	45,877	10,33		Apr. 10	18,281	30,15
	Jul. 19	45,951	11,01		Jul. 19	18,193	29,50
	Oct. 27	46,030	11,67		Oct. 27	18,100	28,88
	Dec. 66	46,114	12,32		Dec. 66	18,003	28,30
1819	Jan. 0	2 52 49,208	+ 3 22 26,60	1829	Jan. 0	2 53 21,161	+ 3 24 42,95
	Apr. 10	49,294	27,22		Apr. 10	21,064	42,40
	Jul. 19	49,383	27,81		Jul. 19	20,967	41,90
	Oct. 27	49,474	28,35		Oct. 27	20,869	41,45
	Dec. 66	49,567	28,86		Dec. 66	20,770	41,05

Tabulae X. Sect. IV. *α Ceti.*

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	+0,790	— 7,2	— 0,60	— 7,3	+3	+1
10	+0,705	— 9,8	— 1,31	— 6,8	+3	+1
20	+0,595	—12,0	— 1,96	— 6,1	+3	+1
30	+0,465	—13,7	— 2,53	— 5,3	+3	+1
Febr. 9	+0,322	—14,6	— 3,01	— 4,4	+3	+1
19	+0,173	—14,9	— 3,40	— 3,3	+3	+1
Mart. 1	+0,025	—14,2	— 3,66	— 2,0	+3	+1
11	—0,111	—12,6	— 3,79	— 0,5	+2	+1
21	—0,227	—10,3	— 3,76	+ 1,2	+2	+1
31	—0,316	— 7,1	— 3,56	+ 2,9	+2	0
Apr. 10	—0,369	— 3,3	— 3,18	+ 4,9	+1	0
20	—0,382	+ 1,0	— 2,59	+ 6,9	+1	0
30	—0,350	+ 5,5	— 1,80	+ 9,0	0	—1
Maj. 10	—0,272	+10,1	— 0,79	+11,1	0	—1
20	—0,149	+14,5	+ 0,41	+12,9	—1	—1
30	+0,017	+18,6	+ 1,79	+14,7	—1	—2
Jun. 9	+0,223	+22,3	+ 3,34	+16,1	—1	—2
19	+0,463	+25,3	+ 5,00	+17,0	—2	—2
29	+0,729	+27,7	+ 6,74	+17,6	—2	—3
Jul. 9	+1,017	+29,4	+ 8,52	+17,7	—2	—3
19	+1,317	+30,3	+10,28	+17,3	—2	—3
29	+1,622	+30,6	+11,98	+16,4	—2	—3
Aug. 8	+1,928	+30,1	+13,56	+15,0	—2	—3
18	+2,223	+28,9	+14,97	+13,1	—2	—3
28	+2,506	+27,5	+16,18	+11,0	—2	—3
Sept. 7	+2,772	+25,5	+17,16	+ 8,5	—2	—3
17	+3,016	+23,2	+17,88	+ 6,0	—1	—3
27	+3,236	+20,7	+18,35	+ 3,4	—1	—3
Oct. 7	+3,430	+18,1	+18,56	+ 0,9	—1	—3
17	+3,597	+15,4	+18,53	— 1,3	0	—3
27	+3,737	+12,5	+18,30	— 3,4	0	—3
Nov. 6	+3,847	+ 9,6	+17,86	— 5,1	+1	—3
16	+3,928	+ 6,7	+17,29	— 6,2	+2	—3
26	+3,980	+ 3,7	+16,62	— 7,1	+2	—3
Dec. 6	+4,001	+ 0,6	+15,88	— 7,6	+3	—2
16	+3,992	— 2,5	+15,11	— 7,7	+3	—2
26	+3,952	— 5,4	+14,35	— 7,5	+3	—2
36	+3,884	— 8,2	+13,61	— 7,1	+4	—2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	2 52 21,5759	+ 3 20 12,605
1811	52 24,6977	20 27,126
1812	52 27,8196	20 41,643
1813	52 30,9416	20 56,158
1814	52 34,0637	21 10,669
1815	52 37,1858	21 25,177
1816	52 40,3081	21 39,682
1817	52 43,4305	21 54,184
1818	52 46,5530	22 8,682
1819	52 49,6756	22 23,178
1820	52 52,7982	22 37,670
1821	52 55,9209	22 52,159
1822	52 59,0437	23 6,645
1823	53 2,1666	23 21,128
1824	53 5,2897	23 35,608
1825	53 8,4129	23 50,084
1826	53 11,5362	24 4,557
1827	53 14,6596	24 19,027
1828	53 17,7830	24 33,494
1829	53 20,9065	24 47,958
1830	53 24,0302	25 2,419

Diei reducto addendum est:

ante } Maj. 5 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	4 25 2,294	+ 16 6 51,51	1820	Jan. 1	4 25 35,924	+ 16 8 24,96
	Apr. 10	2,193	51,04		Apr. 10	36,026	25,25
	Jul. 19	2,089	50,63		Jul. 19	36,129	25,47
	Oct. 27	1,983	50,29		Oct. 27	36,231	25,62
	Dec. 66	1,875	50,01		Dec. 66	36,334	25,71
1811	Jan. 0	4 25 5,340	+ 16 6 57,99	1821	Jan. 0	4 25 39,729	+ 16 8 33,54
	Apr. 10	5,231	57,77		Apr. 10	39,830	33,58
	Jul. 19	5,124	57,62		Jul. 19	39,929	33,55
	Oct. 27	5,018	57,54		Oct. 27	40,024	33,44
	Dec. 66	4,913	57,54		Dec. 66	40,117	33,27
1812	Jan. 1	4 25 8,376	+ 16 7 5,43	1822	Jan. 0	4 25 43,516	+ 16 8 41,19
	Apr. 10	8,273	5,48		Apr. 10	43,605	40,97
	Jul. 19	8,175	5,61		Jul. 19	43,689	40,68
	Oct. 27	8,082	5,81		Oct. 27	43,767	40,33
	Dec. 66	7,994	6,09		Dec. 66	43,839	39,91
1813	Jan. 0	4 25 11,450	+ 16 7 13,88	1823	Jan. 0	4 25 47,245	+ 16 8 47,90
	Apr. 10	11,365	14,20		Apr. 10	47,318	47,45
	Jul. 19	11,288	14,59		Jul. 19	47,373	46,94
	Oct. 27	11,217	15,04		Oct. 27	47,425	46,37
	Dec. 66	11,155	15,55		Dec. 66	47,469	45,75
1814	Jan. 0	4 25 14,604	+ 16 7 23,26	1824	Jan. 1	4 25 50,885	+ 16 8 53,81
	Apr. 10	14,548	23,81		Apr. 10	50,923	53,16
	Jul. 19	14,499	24,41		Jul. 19	50,952	52,48
	Oct. 27	14,461	25,06		Oct. 27	50,971	51,76
	Dec. 66	14,430	25,75		Dec. 66	50,981	51,01
1815	Jan. 0	4 25 17,868	+ 16 7 33,39	1825	Jan. 0	4 25 54,409	+ 16 8 59,10
	Apr. 10	17,845	34,10		Apr. 10	54,413	58,33
	Jul. 19	17,831	34,84		Jul. 19	54,407	57,55
	Oct. 27	17,827	35,60		Oct. 27	54,390	56,76
	Dec. 66	17,833	36,39		Dec. 66	54,365	55,95
1816	Jan. 1	4 25 21,259	+ 16 7 44,00	1826	Jan. 0	4 25 57,804	+ 16 9 4,05
	Apr. 10	21,271	45,79		Apr. 10	57,772	3,25
	Jul. 19	21,293	45,58		Jul. 19	57,731	2,46
	Oct. 27	21,323	46,37		Oct. 27	57,681	1,68
	Dec. 66	21,363	47,16		Dec. 66	57,621	0,91
1817	Jan. 0	4 25 24,778	+ 16 7 54,77	1827	Jan. 0	4 26 1,072	+ 16 9 8,99
	Apr. 10	24,824	55,55		Apr. 10	1,007	8,25
	Jul. 19	24,878	56,30		Jul. 19	0,935	7,54
	Oct. 27	24,939	57,03		Oct. 27	0,855	6,87
	Dec. 66	25,008	57,74		Dec. 66	0,768	6,23
1818	Jan. 0	4 25 28,413	+ 16 8 5,37	1828	Jan. 1	4 26 4,228	+ 16 9 14,26
	Apr. 10	28,487	6,05		Apr. 10	4,138	13,66
	Jul. 19	28,566	6,69		Jul. 19	4,043	13,11
	Oct. 27	28,651	7,28		Oct. 27	3,943	12,63
	Dec. 66	28,741	7,83		Dec. 66	3,840	12,20
1819	Jan. 0	4 25 32,139	+ 16 8 15,52	1829	Jan. 0	4 26 7,305	+ 16 9 20,15
	Apr. 10	32,232	16,03		Apr. 10	7,199	19,77
	Jul. 19	32,328	16,48		Jul. 19	7,092	19,46
	Oct. 27	32,427	16,87		Oct. 27	6,984	19,22
	Dec. 66	32,529	17,21		Dec. 66	6,876	19,06

Tabulae X. Sect. IV. *α Tauri.*

	1820		1820		Var. 10 annor.	
Jan. 0	+1″,213	— 0,4	+ 1″,28	— 2,5	+2	—1
10	+1,189	— 4,4	+ 1,04	— 2,5	+2	—1
20	+1,125	— 8,3	+ 0,79	— 2,5	+3	—1
30	+1,023	—11,8	+ 0,54	— 2,5	+3	0
Febr. 9	+0,890	—14,4	+ 0,29	— 2,6	+3	0
19	+0,735	—16,3	+ 0,02	— 2,7	+3	0
Mart. 1	+0,565	—17,2	— 0,25	— 2,7	+4	0
11	+0,391	—17,1	— 0,52	— 2,7	+3	0
21	+0,224	—15,8	— 0,78	— 2,5	+3	0
31	+0,075	—13,7	— 1,01	— 2,1	+3	0
Apr. 10	—0,049	—10,5	— 1,19	— 1,4	+3	0
20	—0,137	— 6,7	— 1,29	— 0,6	+2	0
30	—0,184	— 2,5	— 1,30	+ 0,5	+2	0
Maj. 10	—0,186	+ 2,2	— 1,19	+ 1,8	+1	0
20	—0,141	+ 6,9	— 0,94	+ 3,2	+1	0
30	—0,049	+11,5	— 0,55	+ 4,7	0	0
Jun. 9	+0,089	+15,9	— 0,01	+ 6,1	0	—1
19	+0,268	+19,7	+ 0,67	+ 7,5	—1	—1
29	+0,483	+23,1	+ 1,48	+ 8,6	—1	—1
Jul. 9	+0,729	+25,9	+ 2,39	+ 9,5	—2	—2
19	+1,000	+28,0	+ 3,37	+10,0	—2	—2
29	+1,289	+29,5	+ 4,39	+10,3	—2	—3
Aug. 8	+1,590	+30,4	+ 5,42	+10,2	—2	—3
18	+1,897	+30,8	+ 6,42	+ 9,6	—2	—3
28	+2,205	+30,6	+ 7,33	+ 8,7	—2	—4
Sept. 7	+2,508	+30,0	+ 8,16	+ 7,6	—2	—4
17	+2,804	+29,1	+ 8,85	+ 6,3	—2	—4
27	+3,089	+27,8	+ 9,41	+ 4,9	—2	—5
Oct. 7	+3,360	+26,2	+ 9,82	+ 3,4	—2	—5
17	+3,613	+24,3	+10,08	+ 2,0	—1	—5
27	+3,846	+22,2	+10,21	+ 0,7	—1	—5
Nov. 6	+4,056	+19,7	+10,21	— 0,4	0	—5
16	+4,240	+16,9	+10,13	— 1,2	0	—5
26	+4,393	+13,7	+ 9,97	— 1,8	+1	—6
Dec. 6	+4,518	+10,1	+ 9,77	— 2,2	+2	—6
16	+4,595	+ 6,2	+ 9,54	— 2,4	+2	—6
26	+4,637	+ 2,2	+ 9,29	— 2,5	+3	—5
36	+4,639	— 1,9	+ 9,05	— 2,4	+3	—5

	A. R. med.	Decl. med.
1810	4ʰ 25′ 1″,8303	+ 16° 6′ 58″,364
1811	25 5,2585	7 6,264
1812	25 8,6868	7 14,160
1813	25 12,1152	7 22,051
1814	25 15,5437	7 29,937
1815	25 18,9725	7 37,819
1816	25 22,4013	7 45,697
1817	25 25,8302	7 53,569
1818	25 29,2592	8 1,437
1819	25 32,6883	8 9,301
1820	25 36,1174	8 17,160
1821	25 39,5467	8 25,014
1822	25 42,9761	8 32,864
1823	25 46,4056	8 40,709
1824	25 49,8352	8 48,550
1825	25 53,2650	8 56,386
1826	25 56,6949	9 4,218
1827	26 0,1249	9 12,045
1828	26 3,5550	9 19,867
1829	26 6,9851	9 27,685
1830	26 10,4154	9 35,498

Diei reducto addendum est:

ante } Maj. 29 { + 1
post } Maj. 29 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens

Tabulae X. Sect. IV. *α Aurigae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	5 2 40,990	+45 47 16,34	1820	Jan. 1	5 3 24,146	+45 48 17,51
	Apr. 10	40,862	15,95		Apr. 10	24,278	17,71
	Jul. 19	40,730	15,62		Jul. 19	24,410	17,83
	Oct. 27	40,595	15,37		Oct. 27	24,542	17,89
	Dec. 66	40,456	15,19		Dec. 66	24,675	17,87
1811	Jan. 0	5 2 44,914	+45 47 19,78	1821	Jan. 0	5 3 29,044	+45 48 22,36
	Apr. 10	44,774	19,66		Apr. 10	29,176	22,30
	Jul. 19	44,635	19,61		Jul. 19	29,304	22,16
	Oct. 27	44,497	19,64		Oct. 27	29,429	21,95
	Dec. 66	44,361	19,75		Dec. 66	29,550	21,68
1812	Jan. 1	5 2 48,818	+45 47 24,24	1822	Jan. 0	5 3 33,924	+45 48 26,25
	Apr. 10	48,684	24,40		Apr. 10	34,042	25,93
	Jul. 19	48,555	24,63		Jul. 19	34,153	25,54
	Oct. 27	48,432	24,94		Oct. 27	34,257	25,09
	Dec. 66	48,314	25,32		Dec. 66	34,355	24,58
1813	Jan. 0	5 2 52,764	+45 47 29,71	1823	Jan. 0	5 3 38,737	+45 48 29,22
	Apr. 10	52,651	30,14		Apr. 10	38,828	28,67
	Jul. 19	52,547	30,62		Jul. 19	38,910	28,07
	Oct. 27	52,452	31,17		Oct. 27	38,982	27,42
	Dec. 66	52,367	31,77		Dec. 66	39,044	26,73
1814	Jan. 0	5 2 56,806	+45 47 36,09	1824	Jan. 1	5 3 43,438	+45 48 31,43
	Apr. 10	56,728	36,72		Apr. 10	43,492	30,71
	Jul. 19	56,661	37,40		Jul. 19	43,535	29,96
	Oct. 27	56,606	38,12		Oct. 27	43,565	29,19
	Dec. 66	56,562	38,87		Dec. 66	43,584	28,39
1815	Jan. 0	5 3 0,987	+45 47 43,13	1825	Jan. 0	5 3 47,993	+45 48 33,11
	Apr. 10	0,951	43,90		Apr. 10	48,003	32,30
	Jul. 19	0,928	44,69		Jul. 19	48,001	31,49
	Oct. 27	0,917	45,49		Oct. 27	47,986	30,67
	Dec. 66	0,919	46,31		Dec. 66	47,959	29,85
1816	Jan. 1	5 3 5,329	+45 47 50,54	1826	Jan. 0	5 3 52,383	+45 48 34,57
	Apr. 10	5,340	51,36		Apr. 10	52,347	33,76
	Jul. 19	5,362	52,17		Jul. 19	52,299	32,97
	Oct. 27	5,396	52,96		Oct. 27	52,239	32,20
	Dec. 66	5,442	53,75		Dec. 66	52,167	31,46
1817	Jan. 0	5 3 9,838	+45 47 57,99	1827	Jan. 0	5 3 56,607	+45 48 36,15
	Apr. 10	9,892	58,76		Apr. 10	56,528	35,43
	Jul. 19	9,956	59,50		Jul. 19	56,439	34,76
	Oct. 27	10,030	48 0,20		Oct. 27	56,341	34,14
	Dec. 66	10,115	0,87		Dec. 66	56,233	33,56
1818	Jan. 0	5 3 14,498	+45 48 5,15	1828	Jan. 1	5 4 0,683	+45 48 38,18
	Apr. 10	14,589	5,79		Apr. 10	0,570	37,64
	Jul. 19	14,687	6,37		Jul. 19	0,450	37,17
	Oct. 27	14,793	6,91		Oct. 27	0,324	36,76
	Dec. 66	14,907	7,39		Dec. 66	0,192	36,42
1819	Jan. 0	5 3 19,281	+45 48 11,73	1829	Jan. 0	5 4 4,651	+45 48 40,95
	Apr. 10	19,398	12,17		Apr. 10	4,517	40,66
	Jul. 19	19,520	12,54		Jul. 19	4,380	40,45
	Oct. 27	19,646	12,85		Oct. 27	4,241	40,31
	Dec. 66	19,777	13,10		Dec. 66	4,100	40,24

Tabulae X. Sect. IV. *α Aurigae.*

	1820		1820		Var. 10 annor.	
Jan. 0	+1″,822	+ 2,8	+4″,20	+14,0	+3	− 4
10	+1,819	− 3,4	+5,55	+12,8	+4	− 4
20	+1,754	− 9,3	+6,76	+11,2	+5	− 4
30	+1,634	−14,5	+7,79	+ 9,1	+5	− 3
Febr. 9	+1,464	−19,1	+8,57	+ 6,5	+6	− 3
19	+1,253	−22,5	+9,09	+ 3,7	+6	− 2
Mart. 1	+1,015	−24,5	+9,31	+ 0,7	+6	− 1
11	+0,764	−25,1	+9,22	− 2,4	+6	0
21	+0,514	−24,2	+8,83	− 5,3	+6	0
31	+0,281	−21,9	+8,16	− 8,0	+6	+ 1
Apr. 10	+0,076	−18,4	+7,24	−10,2	+5	+ 1
20	−0,087	−13,8	+6,13	−11,8	+4	+ 2
30	−0,199	− 8,4	+4,87	−13,0	+4	+ 2
Maj. 10	−0,254	− 2,4	+3,52	−13,7	+3	+ 2
20	−0,247	+ 3,8	+2,14	−13,7	+2	+ 2
30	−0,178	+10,0	+0,79	−13,2	+1	+ 2
Jun. 9	−0,047	+15,9	−0,50	−12,3	0	+ 2
19	+0,140	+21,4	−1,66	−10,9	−1	+ 2
29	+0,381	+26,4	−2,67	− 9,3	−2	+ 1
Jul. 9	+0,667	+30,6	−3,51	− 7,5	−2	0
19	+0,992	+34,1	−4,16	− 5,5	−3	0
29	+1,348	+36,8	−4,60	− 3,4	−3	− 1
Aug. 8	+1,728	+38,9	−4,84	− 1,5	−4	− 2
18	+2,125	+40,2	−4,89	+ 0,5	−4	− 3
28	+2,532	+40,9	−4,74	+ 2,4	−4	− 4
Sept. 7	+2,942	+41,0	−4,41	+ 4,2	−4	− 5
17	+3,352	+40,6	−3,91	+ 5,8	−4	− 5
27	+3,754	+39,7	−3,26	+ 7,3	−4	− 6
Oct. 7	+4,146	+38,4	−2,46	+ 8,7	−3	− 7
17	+4,521	+36,4	−1,53	+10,0	−3	− 8
27	+4,874	+34,0	−0,46	+11,3	−2	− 9
Nov. 6	+5,201	+31,0	+0,73	+12,4	−1	− 9
16	+5,494	+27,3	+2,02	+13,4	0	−10
26	+5,747	+23,0	+3,40	+14,2	+1	−10
Dec. 6	+5,954	+18,1	+4,84	+14,6	+2	−11
16	+6,108	+12,6	+6,32	+14,7	+3	−11
26	+6,205	+ 6,7	+7,78	+14,4	+4	−11
36	+6,241	+ 0,4	+9,20	+13,6	+5	−10

	A. R. med.	Decl. med.
1810	5ʰ 2′ 40″,3346	+45° 47′ 24″,012
1811	2 44,7459	47 28,551
1812	2 49,1574	47 33,083
1813	2 53,5690	47 37,610
1814	2 57,9808	47 42,130
1815	3 2,3928	47 46,644
1816	3 6,8050	47 51,152
1817	3 11,2174	47 55,653
1818	3 15,6300	48 0,148
1819	3 20,0427	48 4,637
1820	3 24,4556	48 9,120
1821	3 28,8687	48 13,597
1822	3 33,2820	48 18,067
1823	3 37,6955	48 22,531
1824	3 42,1092	48 26,989
1825	3 46,5230	48 31,441
1826	3 50,9370	48 35,886
1827	3 55,3512	48 40,326
1828	3 59,7656	48 44,759
1829	4 4,1802	48 49,185
1830	4 8,5950	48 53,606

Diei reducto addendum est:

ante } Jun. 7 { + 1
post } Jun. 7 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *β Orionis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	5 5 24,973	— 8 25 58,76	1820	Jan. 1	5 5 53,354	— 8 24 55,80
	Apr. 10	24,886	59,15		Apr. 10	53,441	55,61
	Jul. 19	24,797	59,47		Jul. 19	53,527	55,49
	Oct. 27	24,707	59,71		Oct. 27	53,613	55,43
	Dec. 66	24,616	59,88		Dec. 66	53,698	55,46
1811	Jan. 0	5 5 27,524	— 8 25 55,13	1821	Jan. 0	5 5 56,547	— 8 24 50,79
	Apr. 10	27,433	55,25		Apr. 10	56,631	50,86
	Jul. 19	27,343	55,29		Jul. 19	56,711	51,00
	Oct. 27	27,256	55,25		Oct. 27	56,788	51,22
	Dec. 66	27,170	55,14		Dec. 66	56,862	51,50
1812	Jan. 1	5 5 30,076	— 8 25 50,49	1822	Jan. 0	5 5 59,716	— 8 24 46,74
	Apr. 10	29,992	50,32		Apr. 10	59,787	47,07
	Jul. 19	29,913	50,08		Jul. 19	59,853	47,47
	Oct. 27	29,839	49,77		Oct. 27	59,914	47,92
	Dec. 66	29,769	49,38		Dec. 66	59,969	48,44
1813	Jan. 0	5 5 32,669	— 8 25 44,82	1823	Jan. 0	5 6 2,830	— 8 24 43,61
	Apr. 10	32,603	44,39		Apr. 10	2,881	44,17
	Jul. 19	32,543	43,90		Jul. 19	2,925	44,77
	Oct. 27	32,490	43,35		Oct. 27	2,963	45,42
	Dec. 66	32,444	42,74		Dec. 66	2,993	46,11
1814	Jan. 0	5 5 35,336	— 8 25 38,26	1824	Jan. 1	5 6 5,862	— 8 24 41,23
	Apr. 10	35,295	37,61		Apr. 10	5,887	42,95
	Jul. 19	35,261	36,93		Jul. 19	5,905	42,70
	Oct. 27	35,236	36,22		Oct. 27	5,914	43,48
	Dec. 66	35,218	35,46		Dec. 66	5,915	44,28
1815	Jan. 0	5 5 38,101	— 8 25 31,03	1825	Jan. 0	5 6 8,794	— 8 24 39,36
	Apr. 10	38,089	30,27		Apr. 10	8,788	40,17
	Jul. 19	38,085	29,48		Jul. 19	8,777	40,99
	Oct. 27	38,089	28,67		Oct. 27	8,757	41,80
	Dec. 66	38,101	27,84		Dec. 66	8,728	42,62
1816	Jan. 1	5 5 40,974	— 8 25 23,43	1826	Jan. 0	5 6 11,617	— 8 24 37,71
	Apr. 10	40,992	22,61		Apr. 10	11,583	38,52
	Jul. 19	41,017	21,81		Jul. 19	11,542	39,31
	Oct. 27	41,050	21,01		Oct. 27	11,493	40,07
	Dec. 66	41,090	20,23		Dec. 66	11,437	40,81
1817	Jan. 0	5 5 43,954	— 8 25 15,81	1827	Jan. 0	5 6 14,335	— 8 24 35,93
	Apr. 10	43,999	15,05		Apr. 10	14,275	36,63
	Jul. 19	44,050	14,31		Jul. 19	14,209	37,29
	Oct. 27	44,107	13,61		Oct. 27	14,138	37,92
	Dec. 66	44,170	12,94		Dec. 66	14,061	38,51
1818	Jan. 0	5 5 47,026	— 8 25 8,49	1828	Jan. 1	5 6 16,966	— 8 24 33,69
	Apr. 10	47,093	7,85		Apr. 10	16,886	34,22
	Jul. 19	47,164	7,27		Jul. 19	16,803	34,69
	Oct. 27	47,239	6,74		Oct. 27	16,717	35,09
	Dec. 66	47,318	6,26		Dec. 66	16,628	35,43
1819	Jan. 0	5 5 50,170	— 8 25 1,74	1829	Jan. 0	5 6 19,536	— 8 24 30,70
	Apr. 10	50,251	1,31		Apr. 10	19,446	30,98
	Jul. 19	50,334	0,94		Jul. 19	19,356	31,19
	Oct. 27	50,418	0,63		Oct. 27	19,266	31,33
	Dec. 66	50,504	0,39		Dec. 66	19,175	31,39

Tabulae X. Sect. IV. β *Orionis.*

	1820		1820		Var. 10 annor.	
Jan. 0	+1,280″	+ 1,5	− 2,92″	−16,0	+1	+1
10	+1,274	− 2,8	− 4,45	−14,5	+2	+1
20	+1,225	− 6,9	− 5,81	−12,5	+2	+1
30	+1,137	−10,6	− 6,95	−10,3	+2	0
Febr. 9	+1,014	−13,7	− 7,86	− 7,9	+3	0
19	+0,864	−16,0	− 8,53	− 5,5	+3	0
Mart. 1	+0,694	−17,5	− 8,95	− 3,0	+3	0
11	+0,514	−18,1	− 9,13	− 0,5	+3	0
21	+0,333	−17,6	− 9,05	+ 2,1	+3	−1
31	+0,163	−16,1	− 8,72	+ 4,5	+3	−1
Apr. 10	+0,012	−13,7	− 8,15	+ 6,9	+2	−1
20	−0,111	−10,6	− 7,34	+ 9,3	+2	−1
30	−0,200	− 7,0	− 6,29	+11,6	+2	−1
Maj. 10	−0,250	− 2,9	− 5,03	+13,6	+1	−2
20	−0,257	+ 1,5	− 3,57	+15,5	+1	−2
30	−0,220	+ 5,9	− 1,94	+17,1	+1	−2
Jun. 9	−0,140	+10,1	− 0,16	+18,3	0	−2
19	−0,019	+14,0	+ 1,72	+19,1	0	−3
29	+0,140	+17,6	+ 3,65	+19,4	−1	−3
Jul. 9	+0,333	+20,7	+ 5,59	+19,2	−1	−3
19	+0,554	+23,3	+ 7,48	+18,4	−1	−3
29	+0,799	+25,4	+ 9,26	+16,9	−2	−3
Aug. 8	+1,062	+26,9	+10,86	+14,9	−2	−3
18	+1,337	+27,9	+12,23	+12,4	−2	−3
28	+1,620	+28,5	+13,33	+ 9,4	−2	−3
Sept. 7	+1,906	+28,6	+14,10	+ 5,9	−2	−3
17	+2,191	+28,3	+14,51	+ 2,3	−2	−3
27	+2,471	+27,6	+14,55	− 1,5	−2	−3
Oct. 7	+2,743	+26,6	+14,22	− 5,1	−2	−3
17	+3,002	+25,1	+13,53	− 8,6	−2	−3
27	+3,245	+23,4	+12,51	−11,6	−1	−3
Nov. 6	+3,469	+21,2	+11,22	−14,1	−1	−3
16	+3,668	+18,5	+ 9,70	−16,0	−1	−3
26	+3,839	+15,5	+ 8,03	−17,2	0	−3
Dec. 6	+3,978	+12,0	+ 6,27	−17,7	0	−3
16	+4,079	+ 8,2	+ 4,49	−17,6	+1	−3
26	+4,141	+ 4,1	+ 2,76	−16,8	+1	−3
36	+4,161	− 0,1	+ 1,14	−15,5	+2	−3

	A. R. med.	Decl. med.
1810	5ʰ 5′ 24″,6580	− 8° 25′ 51″,040
1811	5 27,5359	25 46,340
1812	5 30,4138	25 41,644
1813	5 33,2918	25 36,952
1814	5 36,1698	25 32,264
1815	5 39,0479	25 27,579
1816	5 41,9260	25 22,899
1817	5 44,8042	25 18,223
1818	5 47,6824	25 13,551
1819	5 50,5606	25 8,883
1820	5 53,4389	25 4,220
1821	5 56,3172	24 59,561
1822	5 59,1956	24 54,906
1823	6 2,0740	24 50,255
1824	6 4,9525	24 45,608
1825	6 7,8310	24 40,964
1826	6 10,7095	24 36,325
1827	6 13,5881	24 31,690
1828	6 16,4667	24 27,059
1829	6 19,3454	24 22,482
1830	6 22,2241	24 17,810

Diei reducto addendum est:

ante } Jun. 8 { + 1
post } Jun. 8 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *β Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	5 14 17,852	+28 25 55,13	1820	Jan. 1	5 14 55,000	+28 26 48,92
	Apr. 10	17,740	54,76		Apr. 10	55,113	49,09
	Jul. 19	17,626	54,46		Jul. 19	55,226	49,19
	Oct. 27	17,510	54,24		Oct. 27	55,339	49,21
	Dec. 66	17,391	54,10		Dec. 66	55,452	49,16
1811	Jan. 0	5 14 21,214	+28 25 57,90	1821	Jan. 0	5 14 59,200	+28 26 52,90
	Apr. 10	21,094	57,81		Apr. 10	59,312	52,81
	Jul. 19	20,976	57,79		Jul. 19	59,420	52,64
	Oct. 27	20,859	57,85		Oct. 27	59,525	52,40
	Dec. 66	20,744	57,99		Dec. 66	59,626	52,09
1812	Jan. 1	5 14 24,566	+28 26 1,69	1822	Jan. 0	5 15 3,379	+28 26 55,90
	Apr. 10	24,453	1,89		Apr. 10	3,477	55,55
	Jul. 19	24,345	2,16		Jul. 19	3,568	55,14
	Oct. 27	24,242	2,50		Oct. 27	3,653	54,66
	Dec. 66	24,145	2,91		Dec. 66	3,732	54,12
1813	Jan. 0	5 14 27,962	+28 26 6,51	1823	Jan. 0	5 15 7,492	+28 26 58,01
	Apr. 10	27,869	6,97		Apr. 10	7,566	57,43
	Jul. 19	27,784	7,48		Jul. 19	7,631	56,81
	Oct. 27	27,708	7,05		Oct. 27	7,687	56,14
	Dec. 66	27,640	8,68		Dec. 66	7,735	55,45
1814	Jan. 0	5 14 31,446	+28 26 12,21	1824	Jan. 1	5 15 11,506	+28 26 59,37
	Apr. 10	31,384	12,87		Apr. 10	11,547	58,63
	Jul. 19	31,332	13,57		Jul. 19	11,577	57,87
	Oct. 27	31,290	14,31		Oct. 27	11,597	57,09
	Dec. 66	31,259	15,08		Dec. 66	11,607	56,28
1815	Jan. 0	5 14 35,053	+28 26 18,56	1825	Jan. 0	5 15 15,391	+28 27 0,24
	Apr. 10	35,029	19,34		Apr. 10	15,394	26 59,42
	Jul. 19	35,015	20,14		Jul. 19	15,386	58,60
	Oct. 27	35,012	20,95		Oct. 27	15,367	57,78
	Dec. 66	35,019	21,78		Dec. 66	15,337	56,96
1816	Jan. 1	5 14 38,801	+28 26 25,24	1826	Jan. 0	5 15 19,134	+28 27 0,92
	Apr. 10	38,816	26,06		Apr. 10	19,096	0,11
	Jul. 19	38,840	26,87		Jul. 19	19,051	26 59,33
	Oct. 27	38,875	27,66		Oct. 27	18,994	58,57
	Dec. 66	38,921	28,44		Dec. 66	18,928	57,84
1817	Jan. 0	5 14 42,689	+28 26 31,91	1827	Jan. 0	5 15 22,737	+28 27 1,76
	Apr. 10	42,741	32,67		Apr. 10	22,664	1,05
	Jul. 19	42,801	33,40		Jul. 19	22,583	0,40
	Oct. 27	42,870	34,09		Oct. 27	22,495	26 59,79
	Dec. 66	42,946	34,75		Dec. 66	22,399	59,24
1818	Jan. 0	5 14 46,705	+28 26 38,26	1828	Jan. 1	5 15 26,218	+28 27 3,09
	Apr. 10	46,787	39,88		Apr. 10	26,117	2,58
	Jul. 19	46,875	39,45		Jul. 19	26,011	2,12
	Oct. 27	46,969	39,97		Oct. 27	25,901	1,74
	Dec. 66	47,069	40,43		Dec. 66	25,786	1,43
1819	Jan. 0	5 14 50,820	+28 26 44,00	1829	Jan. 0	5 15 29,611	+28 27 5,19
	Apr. 10	50,923	44,42		Apr. 10	29,494	4,93
	Jul. 19	51,030	44,77		Jul. 19	29,377	4,74
	Oct. 27	51,139	45,05		Oct. 27	29,258	4,63
	Dec. 66	51,252	45,27		Dec. 66	29,137	4,60

Tabulae X. Sect. IV. *β Tauri.*

	1820		1820		Var. 10 annor.	
Jan. 0	+1″,470	+ 4,4	+1″,61	+4,2	+1	—2
10	+1,490	— 0,6	+2,08	+4,1	+2	—2
20	+1,459	— 5,4	+2,42	+3,7	+3	—2
30	+1,382	— 9,9	+2,76	+3,1	+3	—2
Febr. 9	+1,262	—13,7	+3,03	+2,2	+4	—2
19	+1,108	—16,7	+3,19	+1,1	+4	—1
Mart. 1	+0,929	—18,6	+3,24	—0,2	+4	—1
11	+0,737	—19,4	+3,16	—1,4	+4	—1
21	+0,542	—19,0	+2,96	—2,6	+4	0
31	+0,358	—17,3	+2,65	—3,6	+4	0
Apr. 10	+0,196	—14,7	+2,24	—4,4	+4	0
20	+0,064	—11,2	+1,77	—4,9	+3	+1
30	—0,028	— 6,9	+1,27	—5,1	+3	+1
Maj. 10	—0,074	— 2,2	+0,76	—4,9	+2	+1
20	—0,072	+ 2,7	+0,29	—4,4	+2	+1
30	—0,020	+ 7,6	—0.12	—3,7	+1	+1
Jun. 9	+0,080	+12,4	—0,44	—2,7	0	0
19	+0,227	+16,9	—0,66	—1,7	0	0
29	+0,417	+20,9	—0,77	—0,5	—1	0
Jul. 9	+0,644	+24,3	—0,76	+0,7	—1	—1
19	+0,902	+27,1	—0,64	+1,7	—2	—1
29	+1,186	+29,4	—0,43	+2,5	—2	—2
Aug. 8	+1,490	+31,1	—0,14	+3,2	—3	—2
18	+1,808	+32,2	+0,21	+3,7	—3	—3
28	+2,134	+32,9	+0,60	+4,0	—3	—3
Sept. 7	+2,465	+33,1	+1,00	+4,0	—3	—4
17	+2,796	+32,9	+1,40	+4,0	—3	—4
27	+3,122	+32,3	+1,80	+3,9	—3	—5
Oct. 7	+3,442	+31,4	+2,17	+3,6	—3	—6
17	+3,750	+30,1	+2,52	+3,5	—2	—6
27	+4,044	+28,4	+2,86	+3,4	—2	—6
Nov. 6	+4,318	+26,2	+3,19	+3,3	—2	—7
16	+4,568	+23,5	+3,52	+3,5	—1	—7
26	+4,788	+20,3	+3,88	+3,6	0	—7
Dec. 6	+4,974	+16,5	+4,24	+3,8	0	—8
16	+5,118	+12,2	+4,64	+4,1	+1	—8
26	+5,218	+ 7,5	+5,06	+4,2	+2	—8
36	+5,268	+ 2,6	+5,48	+4,2	+3	—8

	A. R. med.	Decl. med.
1810	5h 14′ 17″,3525	+28° 26′ 3″,008
1811	14 21,1369	26 6,772
1812	14 24,9214	26 10,530
1813	14 28,7060	26 14,283
1814	14 32,4907	26 18,030
1815	14 36.2754	26 21,772
1816	14 40,0603	26 25,508
1817	14 43,8452	26 29,239
1818	14 47,6302	26 32,965
1819	14 51,4153	26 36,685
1820	14 55,2006	26 40,400
1821	14 58,9859	26 44,109
1822	15 2,7713	26 47,813
1823	15 6,5568	26 51,512
1824	15 10,3424	26 55,205
1825	15 14,1280	26 58,893
1826	15 17,9138	27 2,575
1827	15 21,6996	27 6,252
1828	15 25,4855	27 9,924
1829	15 29,2715	27 13,591
1830	15 33,0577	27 17,251

Diei reducto addendum est:

ante } Jun. 10 { + 1
post } Jun. 10 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Orionis.*

		h ′ ″	° ′ ″
1810	Jan. 0	5 44 53,668	+ 7 21 29,44
	Apr. 10	53,570	29,15
	Jul. 19	53,471	28,93
	Oct. 27	53,370	28,79
	Dec. 66	53,268	28,72
1811	Jan. 0	5 44 56,547	+ 7 21 30,05
	Apr. 10	56,444	30,04
	Jul. 19	56,343	30,11
	Oct. 27	56,244	30,26
	Dec. 66	56,147	30,48
1812	Jan. 1	5 44 59,424	+ 7 21 31,71
	Apr. 10	59,329	31,99
	Jul. 19	59,238	32,33
	Oct. 27	59,253	32,75
	Dec. 66	59,072	33,23
1813	Jan. 0	5 45 2,343	+ 7 21 34,36
	Apr. 10	2,267	34,89
	Jul. 19	2,198	35,47
	Oct. 27	2,136	36,10
	Dec. 66	2,081	36,79
1814	Jan. 0	5 45 5,343	+ 7 21 37,85
	Apr. 10	5,294	38,57
	Jul. 19	5,254	39,31
	Oct. 27	5,223	40,08
	Dec. 66	5,200	40,89
1815	Jan. 0	5 45 8,451	+ 7 21 41,91
	Apr. 10	8,435	42,73
	Jul. 19	8,428	43,54
	Oct. 27	8,430	44,37
	Dec. 66	8,441	45,19
1816	Jan. 1	5 45 11,681	+ 7 21 46,21
	Apr. 10	11,698	47,03
	Jul. 19	11,724	47,83
	Oct. 27	11,759	48,61
	Dec. 66	11,802	49,36
1817	Jan. 0	5 45 15,032	+ 7 21 50,40
	Apr. 10	15,080	51,14
	Jul. 19	15,135	51,83
	Oct. 27	15,198	52,48
	Dec. 66	15,267	53,09
1818	Jan. 0	5 45 18,488	+ 7 21 54,17
	Apr. 10	18,562	54,74
	Jul. 19	18,640	55,25
	Oct. 27	18,723	55,71
	Dec. 66	18,811	56,10
1819	Jan. 0	5 45 22,026	+ 7 21 57,25
	Apr. 10	22,116	57,59
	Jul. 19	22,209	57,86
	Oct. 27	22,304	58,08
	Dec. 66	22,402	58,23
1820	Jan. 1	5 45 25,613	+ 7 21 59,46
	Apr. 10	25,711	59,55
	Jul. 19	25,808	59,56
	Oct. 27	25,904	59,51
	Dec. 66	26,000	59,39
1821	Jan. 0	5 45 29,213	+ 7 22 0,70
	Apr. 10	29,308	0,52
	Jul. 19	29,399	0,28
	Oct. 27	29,487	21 59,96
	Dec. 66	29,572	59,58
1822	Jan. 0	5 45 32,789	+ 7 22 0,98
	Apr. 10	32,871	0,55
	Jul. 19	32,947	0,07
	Oct. 27	33,017	21 59,52
	Dec. 66	33,081	58,92
1823	Jan. 0	5 45 36,306	+ 7 22 0,38
	Apr. 10	36,366	21 59,75
	Jul. 19	36,418	59,07
	Oct. 27	36,462	58,36
	Dec. 66	36,498	57,61
1824	Jan. 1	5 45 39,732	+ 7 21 59,11
	Apr. 10	39,763	58,34
	Jul. 19	39,785	57,55
	Oct. 27	39,798	56,74
	Dec. 66	39,802	55,91
1825	Jan. 0	5 45 43,047	+ 7 21 57,43
	Apr. 10	43,045	56,60
	Jul. 19	43,033	55,78
	Oct. 27	43,013	54,96
	Dec. 66	42,983	54,16
1826	Jan. 0	5 45 46,239	+ 7 21 55,67
	Apr. 10	46,203	54,87
	Jul. 19	46,159	54,11
	Oct. 27	46,107	53,39
	Dec. 66	46,046	52,70
1827	Jan. 0	5 45 49,313	+ 7 21 54,16
	Apr. 10	49,247	53,50
	Jul. 19	49,174	52,89
	Oct. 27	49,095	52,34
	Dec. 66	49,010	51,85
1828	Jan. 1	5 45 52,285	+ 7 21 53,24
	Apr. 10	52,196	52,79
	Jul. 19	52,104	52,41
	Oct. 27	52,008	52,10
	Dec. 66	51,908	51,87
1829	Jan. 0	5 45 55,187	+ 7 21 53,17
	Apr. 10	55,086	52,98
	Jul. 19	54,985	52,88
	Oct. 27	54,883	52,85
	Dec. 66	54,780	52,90

Tabulae X. Sect. IV. *α Orionis.*

	1820		1820		Var. 10 annor.	
Jan. 0	+1″,352	+ 6,4	−1″,30	− 8,7	+1	−1
10	+1,393	+ 1,8	−2,13	− 7,8	+1	−1
20	+1,388	− 2,8	−2,85	− 6,6	+2	−1
30	+1,338	− 7,1	−3,45	− 5,4	+2	−1
Febr. 9	+1,247	−10,9	−3,93	− 4,3	+3	−1
19	+1,121	−13,9	−4,30	− 3,2	+3	−1
Mart. 1	+0,969	−16,1	−4,56	− 2,1	+3	−1
11	+0,799	−17,3	−4,71	− 1,1	+3	−1
21	+0,623	−17,4	−4,77	− 0,1	+3	−1
31	+0,451	−16,5	−4,73	+ 1,0	+3	−1
Apr. 10	+0,293	−14,6	−4,58	+ 2,0	+3	−1
20	+0,159	−11,9	−4,33	+ 3,1	+3	−1
30	+0,055	− 8,6	−3,97	+ 4,2	+2	−1
Maj. 10	−0,012	− 4,7	−3,49	+ 5,4	+2	−1
20	−0,039	− 0,6	−2,90	+ 6,5	+1	−1
30	−0,024	+ 3,7	−2,19	+ 7,7	+1	−1
Jun. 9	+0,034	+ 7,9	−1,37	+ 8,7	+1	−1
19	+0,133	+11,8	−0,45	+ 9,6	0	−2
29	+0,270	+15,4	+0,54	+10,2	0	−2
Jul. 9	+0,442	+18,6	+1,53	+10,5	−1	−2
19	+0,643	+21,5	+2,63	+10,4	−1	−2
29	+0,871	+23,8	+3,66	+10,0	−2	−2
Aug 8	+1,119	+25,7	+4,62	+ 9,1	−2	−3
18	+1,384	+27,1	+5,47	+ 7,8	−2	−3
28	+1,661	+28,1	+6,18	+ 6,2	−2	−3
Sept. 7	+1,946	+28,8	+6,71	+ 4,3	−3	−3
17	+2,236	+29,0	+7,03	+ 2,1	−3	−4
27	+2,526	+29,0	+7,13	− 0,2	−3	−4
Oct. 7	+2,815	+28,7	+6,99	− 2,5	−3	−4
17	+3,099	+27,9	+6,64	− 4,6	−2	−4
27	+3,373	+26,8	+6,07	− 6,5	−2	−4
Nov. 6	+3,634	+25,2	+5,34	− 8,0	−2	−4
16	+3,876	+23,0	+4,47	− 9,2	−1	−5
26	+4,093	+20,3	+3,50	− 9,9	−1	−5
Dec. 6	+4,282	+17,1	+2,50	−10,1	0	−5
16	+4,435	+13,3	+1,49	− 9,9	0	−5
26	+4,548	+ 9,2	+0,53	− 9,2	+1	−5
36	+4,618	+ 4,7	−0,35	− 8,4	+1	−5

	A. R. med.	Decl. med.
1810	5ʰ 44′ 53″,2868	+ 7° 21′ 37″,777
1811	44 56,5317	21 39,090
1812	44 59,7766	21 40,398
1813	45 3,0215	21 41,701
1814	45 6,2665	21 42,999
1815	45 9,5114	21 44.292
1816	45 12,7564	21 45,581
1817	45 16,0015	21 46,865
1818	45 19,2466	21 48,145
1819	45 22,4917	21 49,420
1820	45 25,7368	21 50,690
1821	45 28,9820	21 51,955
1822	45 32,2272	21 53,216
1823	45 35,4724	21 54,472
1824	45 38,7177	21 55,723
1825	45 41,9630	21 56,969
1826	45 45,2083	21 58,211
1827	45 48,4537	21 59,448
1828	45 51,6991	22 0,680
1829	45 54,9445	22 1,907
1830	45 58,1899	22 3,130

Diei reducto addendum est:

ante } Jun. 17 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Canis majoris.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	6 36 46,726	—16 28 1,28	1820	Jan. 1	6 37 12,701	—16 28 28,31
	Apr. 10	46,646	1,44		Apr. 10	12,782	28,36
	Jul. 19	46,564	1,52		Jul. 19	12,862	28,48
	Oct. 27	46,481	1,52		Oct. 27	12,942	28,66
	Dec. 66	46,396	1,44		Dec. 66	13,022	28,92
1811	Jan. 0	6 36 49,068	—16 28 5,92	1821	Jan. 0	6 37 15,639	—16 28 33,31
	Apr. 10	48,983	5,79		Apr. 10	15,718	33,62
	Jul. 19	48,900	5,58		Jul. 19	15,795	33,99
	Oct. 27	48,817	5,30		Oct. 27	15,868	34,42
	Dec. 66	48,736	4,94		Dec. 66	15,939	34,92
1812	Jan. 1	6 36 51,407	—16 28 9,51	1822	Jan. 0	6 37 18,560	—16 28 39,23
	Apr. 10	51,327	9,11		Apr. 10	18,629	39,76
	Jul. 19	51,251	8,64		Jul. 19	18,693	40,35
	Oct. 27	51,180	8,11		Oct. 27	18,752	40,99
	Dec. 66	51,113	7,52		Dec. 66	18,807	41,67
1813	Jan. 0	6 36 53,778	—16 28 12,18	1823	Jan. 0	6 37 21,433	—16 28 45,93
	Apr. 10	53,713	11,55		Apr. 10	21,485	46,63
	Jul. 19	53,654	10,88		Jul. 19	21,530	47,37
	Oct. 27	53,601	10,17		Oct. 27	21,569	48,13
	Dec. 66	53,554	9,42		Dec. 66	21,601	48,92
1814	Jan. 0	6 36 56,213	—16 28 14,13	1824	Jan. 1	6 37 24,235	—16 28 53,16
	Apr. 10	56,170	13,36		Apr. 10	24,263	53,97
	Jul. 19	56,135	12,57		Jul. 19	24,283	54,78
	Oct. 27	56,107	11,76		Oct. 27	24,295	55,60
	Dec. 66	56,086	10,93		Dec. 66	24,299	56,42
1815	Jan. 0	6 36 58,736	—16 28 15,67	1825	Jan. 0	6 37 26,944	—16 29 0,65
	Apr. 10	58,720	14,85		Apr. 10	26,945	1,47
	Jul. 19	58,712	14,03		Jul. 19	26,938	2,27
	Oct. 27	58,712	13,22		Oct. 27	26,923	3,04
	Dec. 66	58,719	12,41		Dec. 66	26,900	3,80
1816	Jan. 1	6 37 1,359	—16 28 17,15	1826	Jan. 0	6 37 29,553	—16 29 8,05
	Apr. 10	1,371	16,36		Apr. 10	29,526	8,78
	Jul. 19	1,391	15,60		Jul. 19	29,491	9,47
	Oct. 27	1,417	14,88		Oct. 27	29,450	10,12
	Dec. 66	1,451	14,19		Dec. 66	29,401	10,72
1817	Jan. 0	6 37 4,083	—16 28 18,89	1827	Jan. 0	6 37 32,062	—16 29 15,03
	Apr. 10	4,121	18,23		Apr. 10	32,009	15,59
	Jul. 19	4,165	17,62		Jul. 19	31,951	16,09
	Oct. 27	4,215	17,06		Oct. 27	31,887	16,53
	Dec. 66	4,270	16,56		Dec. 66	31,818	16,90
1818	Jan. 0	6 37 6,895	—16 28 21,19	1828	Jan. 1	6 37 34,486	—16 29 21,29
	Apr. 10	6,955	20,73		Apr. 10	34,414	21,61
	Jul. 19	7,018	20,33		Jul. 19	34,338	21,86
	Oct. 27	7,085	20,00		Oct. 27	34,259	22,03
	Dec. 66	7,155	19,73		Dec. 66	34,178	22,13
1819	Jan. 0	6 37 9,777	—16 28 24,29	1829	Jan. 0	6 37 36,849	—16 29 26,62
	Apr. 10	9,851	24,07		Apr. 10	36,766	26,66
	Jul. 19	9,927	23,92		Jul. 19	36,682	26,62
	Oct. 27	10,004	23,84		Oct. 27	36,598	26,50
	Dec. 66	10,084	23,84		Dec. 66	36,514	26,31

Tabulae X. Sect. IV. *α Canis majoris.*

	1820		1820		Var. 10 annor.	
Jan. 0	+1,427″	+ 9,2	− 1,78″	−23,8	0	+1
10	+1,494	+ 4,3	− 4,11	−22,3	+1	+1
20	+1,513	− 0,6	− 6,24	−20,2	+1	+1
30	+1,483	− 5,3	− 8,15	−17,8	+1	0
Febr. 9	+1,407	− 9,6	− 9,80	−15,1	+2	0
19	+1,291	−13,3	−11,16	−12,1	+2	0
Mart. 1	+1,142	−16,2	−12,21	− 8,9	+2	0
11	+0,968	−18,1	−12,94	− 5,7	+2	−1
21	+0,780	−19,1	−13,35	− 2,6	+3	−1
31	+0,587	−19,0	−13,45	+ 0,6	+2	−1
Apr. 10	+0,400	−18,0	−13,23	+ 3,7	+2	−1
20	+0,227	−16,2	−12,71	+ 6,7	+2	−2
30	+0,077	−13,6	−11,89	+ 9,5	+2	−2
Maj. 10	−0,044	−10,4	−10,81	+12,1	+2	−2
20	−0,130	− 6,8	− 9,47	+14,5	+2	−2
30	−0,179	− 3,0	− 7,91	+16,6	+1	−3
Jun. 9	−0,189	+ 1,0	− 6,15	+18,3	+1	−3
19	−0,159	+ 4,9	− 4,25	+19,6	0	−3
29	−0,091	+ 8,7	− 2,24	+20,4	0	−3
Jul. 9	+0,014	+12,2	− 0,18	+20,5	0	−3
19	+0,153	+15,5	+ 1,86	+20,0	−1	−3
29	+0,323	+18,4	+ 3,82	+18,9	−1	−3
Aug. 8	+0,521	+21,0	+ 5,63	+17,0	−1	−3
18	+0,742	+23,2	+ 7,22	+14,6	−2	−3
28	+0,984	+25,1	+ 8,54	+11,4	−2	−3
Sept. 7	+1,244	+26,7	+ 9,50	+ 7,7	−2	−3
17	+1,517	+27,8	+10,08	+ 3,7	−2	−3
27	+1,800	+28,7	+10,23	− 0,8	−2	−3
Oct. 7	+2,090	+29,1	+ 9,93	− 5,2	−2	−3
17	+2,381	+29,0	+ 9,19	− 9,5	−2	−2
27	+2,670	+28,5	+ 8,03	−13,6	−2	−2
Nov. 6	+2,950	+27,3	+ 6,48	−17,2	−2	−2
16	+3,216	+25,6	+ 4,59	−20,2	−2	−2
26	+3,461	+23,1	+ 2,44	−22,4	−1	−2
Dec. 6	+3,678	+20,0	+ 0,11	−23,9	−1	−2
16	+3,861	+16,3	− 2,33	−24,5	−1	−2
26	+4,004	+12,1	− 4,78	−24,2	0	−2
36	+4,102	+ 7,4	− 7,16	−23,4	0	−3

	A. R. med.	Decl. med.
1810	6ʰ 36′ 46″,3874	−16° 27′ 52″,512
1811	36 49,0314	27 56,959
1812	36 51,6754	28 1,409
1813	36 54,3195	28 5,864
1814	36 56,9635	28 10,322
1815	36 59,6075	28 14,784
1816	37 2,2515	28 19,249
1817	37 4,8955	28 23,719
1818	37 7,5396	28 28,192
1819	37 10,1836	28 32,669
1820	37 12,8276	28 37,150
1821	37 15,4717	28 41,634
1822	37 18,1158	28 46,123
1823	37 20,7599	28 50,615
1824	37 23,4039	28 55,111
1825	37 26,0480	28 59,611
1826	37 28,6921	29 4,115
1827	37 31,3361	29 8,622
1828	37 33,9802	29 13,133
1829	37 36,6242	29 17,648
1830	37 39,2683	29 22,167

Diei reducto addendum est:

ante } Jun. 30 { + 1
post } Jun. 30 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Geminorum.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	7 22 27,512	+32 17 23,91	1820	Jan. 1	7 23 5,622	+32 16 29,57
	Apr. 10	27,392	23,88		Apr. 10	5,739	29,40
	Jul. 19	27,271	23,93		Jul. 19	5,854	29,17
	Oct. 27	27,149	24,06		Oct. 27	5,968	28,87
	Dec. 66	27,027	24,26		Dec. 66	6,079	28,51
1811	Jan. 0	7 22 30,912	+32 17 17,05	1821	Jan. 0	7 23 9,886	+32 16 21,45
	Apr. 10	30,790	17,30		Apr. 10	9,995	21,04
	Jul. 19	30,672	17,62		Jul. 19	10,099	20,58
	Oct. 27	30,557	18,01		Oct. 27	10,198	20,06
	Dec. 66	30,445	18,47		Dec. 66	10,293	19,48
1812	Jan. 1	7 22 34,326	+32 17 11,17	1822	Jan. 0	7 23 14,105	+32 16 12,48
	Apr. 10	34,218	11,67		Apr. 10	14,195	11,87
	Jul. 19	34,116	12,22		Jul. 19	14,277	11,23
	Oct. 27	34,021	12,83		Oct. 27	14,352	10,54
	Dec. 66	33,933	13,49		Dec. 66	14,419	9,81
1813	Jan. 0	7 22 37,807	+32 17 6,12	1823	Jan. 0	7 23 18,241	+32 16 2,86
	Apr. 10	37,724	6,80		Apr. 10	18,301	2,11
	Jul. 19	37,651	7,52		Jul. 19	18,352	1,35
	Oct. 27	37,588	8,27		Oct. 27	18,398	0,57
	Dec. 66	37,534	9,06		Dec. 66	18,425	15 59,77
1814	Jan. 0	7 22 41,395	+32 17 1,64	1824	Jan. 1	7 23 22,259	+32 15 52,83
	Apr. 10	41,348	2,43		Apr. 10	22,283	52,03
	Jul. 19	41,312	3,23		Jul. 19	22,297	51,23
	Oct. 27	41,287	4,03		Oct. 27	22,299	50,44
	Dec. 66	41,272	4,84		Dec. 66	22,291	49,65
1815	Jan. 0	7 22 45,120	+32 16 57,41	1825	Jan. 0	7 23 26,138	+32 15 42,70
	Apr. 10	45,113	58,21		Apr. 10	26,122	41,93
	Jul. 19	45,118	59,00		Jul. 19	26,096	41,19
	Oct. 27	45,133	59,76		Oct. 27	26,059	40,48
	Dec. 66	45,159	17 0,51		Dec. 66	26,011	39,80
1816	Jan. 1	7 22 48,993	+32 16 53,10	1826	Jan. 0	7 23 29,872	+32 15 32,80
	Apr. 10	49,026	53,82		Apr. 10	29,817	32,15
	Jul. 19	49,069	54,50		Jul. 19	29,753	31,56
	Oct. 27	49,122	55,15		Oct. 27	29,679	31,01
	Dec. 66	49,185	55,75		Dec. 66	29,596	30,52
1817	Jan. 0	7 22 53,007	+32 16 48,38	1827	Jan. 0	7 23 33,468	+32 15 23,45
	Apr. 10	53,076	48,94		Apr. 10	33,379	23,00
	Jul. 19	53,152	49,45		Jul. 19	33,284	22,62
	Oct. 27	53,236	49,90		Oct. 27	33,182	22,31
	Dec. 66	53,327	50,29		Dec. 66	33,074	22,06
1818	Jan. 0	7 22 57,139	+32 16 42,99	1828	Jan. 1	7 23 36,954	+32 15 14,91
	Apr. 10	57,235	43,34		Apr. 10	36,842	14,72
	Jul. 19	57,336	43,62		Jul. 19	36,726	14,60
	Oct. 27	57,442	43,83		Oct. 27	36,608	14,56
	Dec. 66	57,552	43,98		Dec. 66	36,486	14,59
1819	Jan. 0	7 23 1,358	+32 16 36,75	1829	Jan. 0	7 23 40,370	+32 15 7,33
	Apr. 10	1,470	36,85		Apr. 10	40,247	7,42
	Jul. 19	1,584	36,87		Jul. 19	40,125	7,58
	Oct. 27	1,700	36,83		Oct. 27	40,004	7,82
	Dec. 66	1,818	36,71		Dec. 66	39,884	8,13

Tabulae X. Sect. IV. *α Geminorum.*

	1820		1820		Var. 10 annor.	
Jan. 0	+1,579″	+18,7	− 3,94″	+ 3,4	−1	−3
10	+1,739	+13,2	− 3,51	+ 5,1	−1	−3
20	+1,843	+ 7,4	− 2,92	+ 6,5	0	−3
30	+1,887	+ 1,5	− 2,22	+ 7,4	+1	−4
Febr. 9	+1,873	− 4,1	− 1,44	+ 7,9	+1	−4
19	+1,806	− 9,1	− 0,64	+ 7,9	+2	−4
Mart. 1	+1,691	−13,4	+ 0,14	+ 7,5	+3	−3
11	+1,539	−16,6	+ 0,85	+ 6,5	+3	−3
21	+1,360	−18,7	+ 1,44	+ 5,3	+3	−3
31	+1,166	−19,5	+ 1,90	+ 3,8	+4	−2
Apr. 10	+0,970	−19,2	+ 2,19	+ 2,1	+4	−2
20	+0,783	−17,8	+ 2,32	+ 0,4	+4	−2
30	+0,614	−15,5	+ 2,27	− 1,2	+4	−1
Maj. 10	+0,474	−12,3	+ 2,08	− 2,7	+3	−1
20	+0,368	− 8,7	+ 1,74	− 4,0	+3	−1
30	+0,301	− 4,6	+ 1,28	− 5,1	+3	0
Jun. 9	+0,277	− 0,3	+ 0,73	− 5,9	+2	0
19	+0,295	+ 4,0	+ 0,11	− 6,5	+1	0
29	+0,356	+ 8,2	− 0,57	− 7,0	+1	0
Jul. 9	+0,458	+12,1	− 1,28	− 7,2	0	0
19	+0,598	+15,8	− 2,01	− 7,4	−1	0
29	+0,773	+19,1	− 2,75	− 7,5	−1	0
Aug. 8	+0,980	+22,2	− 3,50	− 7,6	−2	0
18	+1,216	+24,9	− 4,27	− 7,7	−3	−1
28	+1,477	+27,3	− 5,04	− 7,8	−3	−1
Sept. 7	+1,761	+29,5	− 5,82	− 7,8	−4	−1
17	+2,066	+31,3	− 6,60	− 7,9	−4	−2
27	+2,387	+32,9	− 7,39	− 7,8	−5	−2
Oct. 7	+2,723	+34,2	− 8,16	− 7,7	−5	−3
17	+3,070	+35,0	− 8,92	− 7,3	−5	−4
27	+3,423	+35,4	− 9,62	− 6,7	−5	−4
Nov. 6	+3,777	+35,1	−10,25	− 5,8	−5	−5
16	+4,125	+34,2	−10,77	− 4,6	−5	−6
26	+4,460	+32,4	−11,17	− 3,2	−5	−6
Dec. 6	+4,773	+29,7	−11,40	− 1,4	−4	−7
16	+5,054	+26,1	−11,45	+ 0,5	−4	−7
26	+5,295	+21,8	−11,31	+ 2,3	−3	−8
36	+5,489	+16,7	−10,99	+ 4,1	−2	−8

	A. R. med.	Decl. med.
1810	7ʰ 22′ 27″,1896	+32° 17′ 32″,691
1811	22 31,0344	17 25,551
1812	22 34,8790	17 18,405
1813	22 38,7235	17 11,254
1814	22 42,5679	17 4,098
1815	22 46,4122	16 56,936
1816	22 50,2563	16 49,769
1817	22 54,1003	16 42,597
1818	22 57,9442	16 35,420
1819	23 1,7880	16 28,238
1820	23 5,6317	16 21,050
1821	23 9,4752	16 13,857
1822	23 13,3186	16 6,659
1823	23 17,1619	15 59,455
1824	23 21,0050	15 52,246
1825	23 24,8480	15 45,031
1826	23 28,6909	15 37,812
1827	23 32,5337	15 30,587
1828	23 36,3763	15 23,357
1829	23 40,2188	15 16,122
1830	23 44,0612	15 8,881

Diei reducto addendum est:

ante } Jul. 11 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *a Canis minoris.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	7 29 21,312	+ 5 41 58,73	1820	Jan. 1	7 29 52,342	+ 5 40 48,76
	Apr. 10	21,215	58,72		Apr. 10	52,438	48,58
	Jul. 19	21,117	58,79		Jul. 19	52,534	48,34
	Oct. 27	21,017	58,94		Oct. 27	52,628	48,02
	Dec. 66	20,916	59,16		Dec. 66	52,722	47,64
1811	Jan. 0	7 29 24,097	+ 5 41 50,38	1821	Jan. 0	7 29 55,838	+ 5 40 39,04
	Apr. 10	23,996	50,65		Apr. 10	55,931	38,62
	Jul. 19	23,897	50,99		Jul. 19	56,020	38,14
	Oct. 27	23,800	51,39		Oct. 27	56,106	37,61
	Dec. 66	23,705	51,87		Dec. 66	56,188	37,02
1812	Jan. 1	7 29 26,884	+ 5 41 43,00	1822	Jan. 0	7 29 59,308	+ 5 40 28,48
	Apr. 10	26,791	43,51		Apr. 10	59,387	27,87
	Jul. 19	26,703	44,08		Jul. 19	59,460	27,21
	Oct. 27	26,620	44,70		Oct. 27	59,527	26,52
	Dec. 66	26,542	45,37		Dec. 66	59,589	25,79
1813	Jan. 0	7 29 29,715	+ 5 41 36,43	1823	Jan. 0	7 30 2,716	+ 5 40 17,29
	Apr. 10	29,641	37,13		Apr. 10	2,773	16,54
	Jul. 19	29,575	37,86		Jul. 19	2,822	15,78
	Oct. 27	29,516	38,61		Oct. 27	2,863	15,00
	Dec. 66	29,465	39,39		Dec. 66	2,897	14,20
1814	Jan. 0	7 29 32,629	+ 5 41 30,42	1824	Jan. 1	7 30 6,034	+ 5 40 5,71
	Apr. 10	32,583	31,21		Apr. 10	6,061	4,91
	Jul. 19	32,545	32,01		Jul. 19	6,080	4,12
	Oct. 27	32,517	32,81		Oct. 27	6,090	3,34
	Dec. 66	32,497	33,61		Dec. 66	6,092	2,57
1815	Jan. 0	7 29 35,650	+ 5 41 24,63	1825	Jan. 0	7 30 9,240	+ 5 39 54,07
	Apr. 10	35,636	25,43		Apr. 10	9,235	53,31
	Jul. 19	35,632	26,21		Jul. 19	9,221	52,58
	Oct. 27	35,636	26,96		Oct. 27	9,198	51,88
	Dec. 66	35,650	27,70		Dec. 66	9,167	51,21
1816	Jan. 1	7 29 38,792	+ 5 41 18,73	1826	Jan. 0	7 30 12,325	+ 5 39 42,67
	Apr. 10	38,811	19,45		Apr. 10	12,288	42,04
	Jul. 19	38,839	20,12		Jul. 19	12,242	41,46
	Oct. 27	38,875	20,75		Oct. 27	12,188	40,93
	Dec. 66	38,920	21,33		Dec. 66	12,126	40,45
1817	Jan. 0	7 29 42,051	+ 5 41 12,42	1827	Jan. 0	7 30 15,294	+ 5 39 31,84
	Apr. 10	42,101	12,98		Apr. 10	15,227	31,41
	Jul. 19	42,158	13,46		Jul. 19	15,154	31,05
	Oct. 27	42,221	13,87		Oct. 27	15,075	30,75
	Dec. 66	42,291	14,20		Dec. 66	14,990	30,53
1818	Jan. 0	7 29 45,414	+ 5 41 5,36	1828	Jan. 1	7 30 18,166	+ 5 39 21,83
	Apr. 10	45,488	5,73		Apr. 10	18,077	21,65
	Jul. 19	45,567	6,01		Jul. 19	17.985	21,55
	Oct. 27	45,650	6,21		Oct. 27	17,890	21,53
	Dec. 66	45,738	6,33		Dec. 66	17,791	21,58
1819	Jan. 0	7 29 48,855	+ 5 40 57,56	1829	Jan. 0	7 30 20,971	+ 5 39 12,79
	Apr. 10	48,945	57,64		Apr. 10	20,871	12,89
	Jul. 19	49,037	57,65		Jul. 19	20,771	13,07
	Oct. 27	49,131	57,58		Oct. 27	20,671	13,32
	Dec. 66	49,227	57,44		Dec. 66	20,571	13,65

Tabulae X. Sect. IV. *α Canis minoris.*

	1820		1820		Var. 10 annor.	
Jan. 0	+1,338″	+16,0	− 2,36″	−13,3	−1	0
10	+1,476	+11,4	− 3,62	−11,8	0	0
20	+1,565	+ 6,4	− 4,72	−10,2	0	−1
30	+1,604	+ 1,4	− 5,65	− 8,4	+1	−1
Febr. 9	+1,593	− 3,4	− 6,39	− 6,5	+1	−1
19	+1,536	− 7,7	− 6,95	− 4,8	+2	−1
Mart. 1	+1,440	−11,3	− 7,35	− 3,2	+2	−2
11	+1,311	−14,1	− 7,59	− 1,7	+2	−2
21	+1,159	−15,9	− 7,69	− 0,4	+3	−2
31	+0,994	−16,6	− 7,66	+ 0,8	+3	−2
Apr. 10	+0,827	−16,4	− 7,53	+ 1,9	+3	−2
20	+0,666	−15,3	− 7,29	+ 2,9	+3	−2
30	+0,521	−13,4	− 6,96	+ 3,7	+3	−2
Maj. 10	+0,398	−10,9	− 6,55	+ 4,6	+2	−2
20	+0,303	− 7,9	− 6,04	+ 5,4	+2	−2
30	+0,240	− 4,6	− 5,48	+ 6,1	+2	−2
Jun. 9	+0,212	− 1,1	− 4,82	+ 6,8	+1	−2
19	+0,219	+ 2,5	− 4,12	+ 7,3	+1	−2
29	+0,261	+ 5,9	− 3,36	+ 7,7	+1	−2
Jul. 9	+0,336	+ 9,2	− 2,59	+ 7,7	0	−2
19	+0,444	+12,3	− 1,83	+ 7,4	0	−2
29	+0,581	+15,1	− 1,11	+ 6,9	−1	−2
Aug. 8	+0,745	+17,7	− 0,45	+ 6,0	−1	−2
18	+0,985	+20,1	+ 0,08	+ 4,6	−2	−2
28	+1,147	+22,3	+ 0,47	+ 3,0	−2	−2
Sept. 7	+1,380	+24,3	+ 0,67	+ 0,9	−2	−2
17	+1,632	+26,0	+ 0,65	− 1,4	−3	−2
27	+1,900	+27,5	+ 0,40	− 3,8	−3	−2
Oct. 7	+2,182	+28,7	− 0,10	− 6,3	−3	−2
17	+2,474	+29,6	− 0,85	− 8,7	−3	−3
27	+2,774	+30,1	− 1,83	−10,8	−3	−3
Nov. 6	+3,075	+29,9	− 3,00	−12,6	−3	−3
16	+3,372	+28,9	− 4,34	−14,0	−3	−3
26	+3,659	+27,8	− 5,79	−14,8	−3	−3
Dec. 6	+3,927	+25,5	− 7,30	−15,1	−2	−4
16	+4,169	+22,5	− 8,80	−14,8	−2	−4
26	+4,377	+18,7	−10,25	−14,0	−2	−4
36	+4,542	+14,3	−11,59	−12,8	−1	−5

	A. R. med.	Decl. med.
1810	7ʰ 29′ 20″,9624	+ 5° 42′ 7″,480
1811	29 24,1100	41 58,783
1812	29 27,2576	41 50,082
1813	29 30,4051	41 41,377
1814	29 33,5526	41 32,667
1815	29 36,7000	41 23,953
1816	29 39,8474	41 15,235
1817	29 42,9948	41 6,513
1818	29 46,1421	40 57,787
1819	29 49,2894	40 49,056
1820	29 52,4366	40 40,320
1821	29 55,5838	40 31,581
1822	29 58,7309	40 22,858
1823	30 1,8780	40 14,091
1824	30 5,0250	40 5,339
1825	30 8,1720	39 56,583
1826	30 11,3189	39 47,823
1827	30 14,4658	39 39,059
1828	30 17,6127	39 30,291
1829	30 20,7595	39 21,518
1830	30 23,9063	39 12,741

Diei reducto addendum est:

ante } Jul. 12 { + 1
post } Jul. 12 { + 2

In meiss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *β Geminorum.*

		h m s	° ′ ″			h m s	° ′ ″
1810	Jan. 0	7 33 40,667	+28 28 17,43	1820	Jan. 1	7 34 17,209	+28 27 13,93
	Apr. 10	40,551	17,44		Apr. 10	17,322	13,74
	Jul. 19	40,434	17,52		Jul. 19	17,434	13,48
	Oct. 27	40,316	17,67		Oct. 27	17,543	13,16
	Dec. 66	40,197	17,90		Dec. 66	17,651	12,77
1811	Jan. 0	7 33 43,924	+28 28 9,77	1821	Jan. 0	7 34 21,301	+28 27 4,82
	Apr. 10	43,806	10,05		Apr. 10	21,406	4,39
	Jul. 19	43,691	10,40		Jul. 19	21,507	3,90
	Oct. 27	43,580	10,82		Oct. 27	21,603	3,36
	Dec. 66	43,472	11,31		Dec. 66	21,695	2,77
1812	Jan. 1	7 33 47,194	+28 28 3,10	1822	Jan. 0	7 34 25,350	+28 26 54,88
	Apr. 10	47,089	3,62		Apr. 10	25,437	54,26
	Jul. 19	46,991	4,19		Jul. 19	25,517	53,60
	Oct. 27	46,899	4,81		Oct. 27	25,589	52,90
	Dec. 66	46,814	5,49		Dec. 66	25,654	52,17
1813	Jan. 0	7 33 50,528	+28 27 57,21	1823	Jan. 0	7 34 29,318	+28 26 44,32
	Apr. 10	50,448	57,91		Apr. 10	29,377	43,57
	Jul. 19	50,378	58,64		Jul. 19	29,427	42,81
	Oct. 27	50,317	59,39		Oct. 27	29,467	42,03
	Dec. 66	50,264	28 0,17		Dec. 66	29,497	41,23
1814	Jan. 0	7 33 53,967	+28 27 51,86	1824	Jan. 1	7 34 33,173	+28 26 33,40
	Apr. 10	53,922	52,65		Apr. 10	33,197	32,60
	Jul. 19	53,887	53,45		Jul. 19	33,210	31,81
	Oct. 27	53,862	54,24		Oct. 27	33,212	31,03
	Dec. 66	53,848	55,04		Dec. 66	33,204	30,26
1815	Jan. 0	7 33 57,538	+28 27 46,72	1825	Jan. 0	7 34 36,893	+28 26 22,41
	Apr. 10	57,532	47,51		Apr. 10	36,878	21,65
	Jul. 19	57,536	48,28		Jul. 19	36,853	20,93
	Oct. 27	57,550	49,03		Oct. 27	36,817	20,24
	Dec. 66	57,575	49,76		Dec. 66	36,771	19,59
1816	Jan. 1	7 34 1,252	+28 27 41,45	1826	Jan. 0	7 34 40,472	+28 26 11,69
	Apr. 10	1,284	42,16		Apr. 10	40,420	11,06
	Jul. 19	1,326	42,82		Jul. 19	40,358	10,49
	Oct. 27	1,377	43,44		Oct. 27	40,287	9,98
	Dec. 66	1,438	44,01		Dec. 66	40,206	9,52
1817	Jan. 0	7 34 5,102	+28 27 35,76	1827	Jan. 0	7 34 43,919	+28 26 1,54
	Apr. 10	5,169	36,29		Apr. 10	43,833	1,12
	Jul. 19	5,243	36,77		Jul. 19	43,741	0,77
	Oct. 27	5,324	37,21		Oct. 27	43,643	0,49
	Dec. 66	5,412	37,59		Dec. 66	43,538	0,28
1818	Jan. 0	7 34 9,068	+28 27 29,40	1828	Jan. 1	7 34 47,258	+28 25 52,22
	Apr. 10	9,161	29,70		Apr. 10	47,150	52,06
	Jul. 19	9,259	29,93		Jul. 19	47,038	51,97
	Oct. 27	9,361	30,11		Oct. 27	46,924	51,96
	Dec. 66	9,467	30,23		Dec. 66	46,806	52,03
1819	Jan. 0	7 34 13,117	+28 27 22,12	1829	Jan. 0	7 34 50,530	+28 25 43,87
	Apr. 10	13,226	22,19		Apr. 10	50,412	43,99
	Jul. 19	13,336	22,18		Jul. 19	50,294	44,18
	Oct. 27	13,448	22,09		Oct. 27	50,177	44,44
	Dec. 66	13,561	21,96		Dec. 66	50,060	44,78

Tabulae X. Sect. IV. *β Geminorum.*

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	+1,501	+19,2	— 4,20	+ 0,6	—1	—2
10	+1,668	+14,0	— 4,04	+ 2,4	—1	—3
20	+1,780	+ 8,3	— 3,72	+ 4,0	0	—3
30	+1,834	+ 2,6	— 3,25	+ 5,2	+1	—3
Febr. 9	+1,832	— 2,8	— 2,68	+ 6,1	+1	—3
19	+1,778	— 7,8	— 2,04	+ 6,5	+2	—3
Mart. 1	+1,676	—12,1	— 1,39	+ 6,4	+2	—3
11	+1,537	—15,3	— 0,76	+ 6,0	+3	—3
21	+1,370	—17,5	— 0,20	+ 5,2	+3	—3
31	+1,187	—18,5	+ 0,27	+ 4,1	+3	—2
Apr. 10	+1,000	—18,4	+ 0,61	+ 2,8	+4	—2
20	+0,819	—17,3	+ 0,82	+ 1,5	+4	—2
30	+0,655	—15,2	+ 0,90	+ 0,2	+3	—1
Maj. 10	+0,515	—12,4	+ 0,85	— 1,0	+3	—1
20	+0,407	— 9,0	+ 0,70	— 2,2	+3	—1
30	+0,335	— 5,2	+ 0,42	— 3,2	+2	—1
Jun. 9	+0,303	— 1,2	+ 0,07	— 3,9	+2	0
19	+0,311	+ 2,8	— 0,35	— 4,5	+1	0
29	+0,358	+ 6,7	— 0,82	— 4,9	+1	0
Jul. 9	+0,445	+10,5	— 1,32	— 5,3	0	0
19	+0,567	+14,0	— 1,87	— 5,6	0	0
29	+0,724	+17,3	— 2,44	— 5,9	—1	0
Aug. 8	+0,912	+20,2	— 3,04	— 6,2	—2	0
18	+1,127	+22,9	— 3,68	— 6,6	—2	—1
28	+1,369	+25,3	— 4,35	— 7,0	—3	—1
Sept. 7	+1,633	+27,5	— 5,07	— 7,4	—3	—1
17	+1,919	+29,5	— 5,83	— 7,8	—4	—2
27	+2,222	+31,1	— 6,63	— 8,1	—4	—2
Oct. 7	+2,541	+32,6	— 7,45	— 8,4	—5	—3
17	+2,873	+33,6	— 8,30	— 8,5	—5	—3
27	+3,213	+34,2	— 9,14	— 8,2	—5	—4
Nov. 6	+3,556	+34,2	— 9,94	— 7,7	—5	—4
16	+3,896	+33,5	—10,68	— 6,9	—5	—5
26	+4,225	+31,9	—11,31	— 5,6	—4	—5
Dec. 6	+4,534	+29,5	—11,80	— 4,2	—4	—6
16	+4,814	+26,2	—12,14	— 2,5	—4	—7
26	+5,058	+22,1	—12,29	— 0,6	—3	—7
36	+5,256	+17,3	—12,25	+ 1,4	—2	—7

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	7 33 40,3554	+28 28 26,161
1811	33 44,0422	28 18,121
1812	33 47,7289	28 10,076
1813	33 51,4155	28 2,026
1814	33 55,1020	27 53,971
1815	33 58,7883	27 45,911
1816	34 2,4745	27 37,846
1817	34 6,1606	27 29,777
1818	34 9,8466	27 21,703
1819	34 13,5325	27 13,624
1820	34 17,2182	27 5,540
1821	34 20,9038	26 57,451
1822	34 24,5893	26 49,357
1823	34 28,2747	26 41,258
1824	34 31,9599	26 33,154
1825	34 35,6450	26 25,045
1826	34 39,3300	26 16,931
1827	34 43,0149	26 8,812
1828	34 46,6997	26 0,689
1829	34 50,3843	25 52,561
1830	34 54,0688	25 44,428

Diei reducto addendum est:

ante } Jul. 13 { + 1
post } Jul. 13 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Hydrae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	9 18 15,344	— 7 50 36,37	1820	Jan. 1	9 18 44,247	— 7 52 55,41
	Apr. 10	15,256	36,08		Apr. 10	44,335	55,83
	Jul. 19	15,167	35,73		Jul. 19	44,424	56,30
	Oct. 27	15,076	35,32		Oct. 27	44,512	56,81
	Dec. 66	14,983	34,85		Dec. 66	44,600	57,37
1811	Jan. 0	9 18 17,962	— 7 50 50,26	1821	Jan. 0	9 18 47,519	— 7 53 12,46
	Apr. 10	17,868	49,76		Apr. 10	47,606	13,04
	Jul. 19	17,775	49,21		Jul. 19	47,691	13,65
	Oct. 27	17,683	48,62		Oct. 27	47,773	14,29
	Dec. 66	17,593	47,99		Dec. 66	47,853	14,96
1812	Jan. 1	9 18 20,571	— 7 51 3,46	1822	Jan. 0	9 18 50,774	— 7 53 30,01
	Apr. 10	20,482	2,81		Apr. 10	50,851	30,69
	Jul. 19	20,397	2,14		Jul. 19	50,924	31,38
	Oct. 27	20,317	1,45		Oct. 27	50,991	32,08
	Dec. 66	20,240	0,73		Dec. 66	51,054	32,78
1813	Jan. 0	9 18 23,213	— 7 51 16,22	1823	Jan. 0	9 18 53,981	— 7 53 47,83
	Apr. 10	25,139	15,50		Apr. 10	54,040	48,53
	Jul. 19	23,072	14,78		Jul. 19	54,092	49,22
	Oct. 27	23,012	14,06		Oct. 27	54,137	49,90
	Dec. 66	22,958	13,35		Dec. 66	54,175	50,57
1814	Jan. 0	9 18 25,923	— 7 51 28,84	1824	Jan. 1	9 18 57,110	— 7 54 5,68
	Apr. 10	25,873	28,14		Apr. 10	57,144	6,29
	Jul. 19	25,832	27,46		Jul. 19	57,169	6,91
	Oct. 27	25,798	26,80		Oct. 27	57,186	7,49
	Dec. 66	25,772	26,17		Dec. 66	57,195	8,04
1815	Jan. 0	9 18 28,727	— 7 51 41,64	1825	Jan. 0	9 19 0,140	— 7 54 23,15
	Apr. 10	28,707	41,03		Apr. 10	0,144	23,67
	Jul. 19	28,695	40,46		Jul. 19	0,139	24,15
	Oct. 27	28,691	39,94		Oct. 27	0,125	25,57
	Dec. 66	28,696	39,46		Dec. 66	0,103	25,94
1816	Jan. 1	9 18 31,641	— 7 51 54,88	1826	Jan. 0	9 19 3,059	— 7 54 40,11
	Apr. 10	31,652	54,44		Apr. 10	3,032	40,45
	Jul. 19	31,670	54,05		Jul. 19	2,996	40,72
	Oct. 27	31,697	53,72		Oct. 27	2,953	40,93
	Dec. 66	31,731	53,44		Dec. 66	2,902	41,07
1817	Jan. 0	9 18 34,666	— 7 52 8,79	1827	Jan. 0	9 19 5,867	— 7 54 56,32
	Apr. 10	34,705	8,55		Apr. 10	5,811	56,42
	Jul. 19	34,751	8,38		Jul. 19	5 749	56,45
	Oct. 27	34,804	8,27		Oct. 27	5,781	56,41
	Dec. 66	34,864	8,22		Dec. 66	5,606	56,31
1818	Jan. 0	9 18 37,790	— 7 52 23,49	1828	Jan. 1	9 19 8,579	— 7 55 11,64
	Apr. 10	37,854	23,48		Apr. 10	8,501	11,49
	Jul. 19	37,922	23,54		Jul. 19	8,419	11,28
	Oct. 27	37,995	23,66		Oct. 27	8,334	11,00
	Dec. 66	38,072	23,84		Dec. 66	8,245	10,66
1819	Jan. 0	9 18 40,993	— 7 52 39,04	1829	Jan. 0	9 19 11,222	— 7 55 26,08
	Apr. 10	41,073	39,27		Apr. 10	11,131	25,70
	Jul. 19	41,156	39,55		Jul. 19	11,039	25,26
	Oct. 27	41,241	39,88		Oct. 27	10,947	24,77
	Dec. 66	41,329	40,27		Dec. 66	10,854	24,23

Tabulae X. Sect. IV. *α Hydrae.*

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	+1,055	+24,6	+ 0,01	—22,5	—2	+2
10	+1,283	+20,7	— 2,22	—21,7	—1	+1
20	+1,468	+16,1	— 4,33	—20,3	—1	+1
30	+1,605	+11,2	— 6,28	—18,5	0	+1
Febr. 9	+1,692	+ 6,3	— 8,03	—16,3	0	0
19	+1,730	+ 1,5	— 9,54	—13,9	+1	0
Mart. 1	+1,722	— 2,9	—10,81	—11,4	+1	0
11	+1,672	— 6,8	—11,82	— 8,9	+1	—1
21	+1,587	— 9,8	—12,58	— 6,5	+2	—1
31	+1,476	—12,0	—13,11	— 4,1	+2	—1
Apr. 10	+1,347	—13,5	—13,39	— 1,8	+2	—2
20	+1,207	—14,1	—13,46	+ 0,4	+3	—2
30	+1,065	—14,0	—13,32	+ 2,4	+3	—2
Maj. 10	+0,928	—13,2	—12,99	+ 4,3	+3	—2
20	+0,801	—11,9	—12,47	+ 6,0	+3	—2
30	+0,690	—10,2	—11,79	+ 7,6	+3	—2
Jun. 9	+0,598	— 8,1	—10,96	+ 9,0	+2	—3
19	+0,528	— 5,9	—10,00	+10,1	+2	—3
29	+0,481	— 3,5	— 8,94	+11,1	+2	—3
Jul. 9	+0,459	— 1,0	— 7,79	+11,7	+1	—3
19	+0,462	+ 1,7	— 6,61	+11,8	+1	—3
29	+0,492	+ 4,3	— 5,43	+11,6	+1	—3
Aug. 8	+0,548	+ 7,0	— 4,29	+10,9	0	—2
18	+0,632	+ 9,8	— 3,25	+ 9,7	0	—2
28	+0,744	+12,6	— 2,35	+ 8,0	—1	—2
Sept. 7	+0,884	+15,5	— 1,66	+ 5,6	—1	—2
17	+1,054	+18,5	— 1,23	+ 2,9	—2	—2
27	+1,253	+21,3	— 1,09	— 0,3	—2	—2
Oct. 7	+1,480	+24,1	— 1,28	— 3,7	—2	—1
17	+1,734	+26,7	— 1,82	— 7,2	—3	—1
27	+2,013	+28,9	— 2,72	—10,7	—3	—1
Nov. 6	+2,311	+30,5	— 3,96	—14,0	—3	—1
16	+2,623	+31,5	— 5,52	—17,0	—3	—1
26	+2,941	+31,7	— 7,35	—19,4	—3	—1
Dec. 6	+3,256	+31,0	— 9,40	—21,2	—3	—1
16	+3,560	+29,3	—11,59	—22,3	—3	—1
26	+3,842	+26,7	—13,85	—22,6	—2	—1
36	+4,093	+23,2	—16,11	—22,3	—2	—1

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	9 18 14,9415	— 7 50 29,086
1811	18 17,8891	50 44,333
1812	18 20,8367	50 59,583
1813	18 23,7843	51 14,835
1814	18 26,7319	51 30,091
1815	18 29,6794	51 45,349
1816	18 32,6269	52 0,609
1817	18 35,5744	52 15,873
1818	18 38,5219	52 31,139
1819	18 41,4694	52 46,408
1820	18 44,4169	53 1,680
1821	18 47,3643	53 16,954
1822	18 50,3117	53 32,231
1823	18 53,2591	53 47,511
1824	18 56,2065	54 2,794
1825	18 59,1540	54 18,079
1826	19 2,1012	54 33,367
1827	19 5,0488	54 48,658
1828	19 7,9961	55 3,951
1829	19 10,9434	55 19,247
1830	19 13,8907	55 34,546

Diei reducto addendum est:

ante	Aug. 9	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Leonis.*

1810	Jan. 0	9ʰ 58′ 14″,729	+12° 53′ 20″,25	1820	Jan. 1	9ʰ 58′ 46″,524	+12° 50′ 38″,67
	Apr. 10	14,628	20,64		Apr. 10	46,622	38,18
	Jul. 19	14,527	21,08		Jul. 19	46,718	37,65
	Oct. 27	14,425	21,57		Oct. 27	46,813	37,09
	Dec. 66	14,323	22,10		Dec. 66	46,906	36,49
1811	Jan. 0	9 58 17,563	+12 53 4,63	1821	Jan. 0	9 58 50,080	+12 50 19,39
	Apr. 10	17,462	5,19		Apr. 10	50,171	18,78
	Jul. 19	17,363	5,79		Jul. 19	50,258	18,15
	Oct. 27	17,267	6,41		Oct. 27	50,341	17,50
	Dec. 66	17,174	7,06		Dec. 66	50,419	16,84
1812	Jan. 1	9 58 20,411	+12 52 49,55	1822	Jan. 0	9 58 53,599	+12 49 59,75
	Apr. 10	20,320	50,22		Apr. 10	53,674	59,08
	Jul. 19	20,235	50,89		Jul. 19	53,742	58,42
	Oct. 27	20,157	51,57		Oct. 27	53,804	57,76
	Dec. 66	20,084	52,26		Dec. 66	53,860	57,10
1813	Jan. 0	9 58 23,313	+12 52 34,74	1823	Jan. 0	9 58 57,047	+12 49 40,01
	Apr. 10	23,245	35,43		Apr. 10	57.097	39,36
	Jul. 19	23,184	36,10		Jul. 19	57,140	38,73
	Oct. 27	23,132	36,76		Oct. 27	57,174	38,13
	Dec. 66	23,087	37,41		Dec. 66	57,199	37,55
1814	Jan. 0	9 58 26,307	+12 52 19,90	1824	Jan. 1	9 59 0,397	+12 49 20,42
	Apr. 10	26,269	20,53		Apr. 10	0,417	19,86
	Jul. 19	26,239	21,13		Jul. 19	0,428	19,35
	Oct. 27	26,219	21,69		Oct. 27	0,429	18,87
	Dec. 66	26,207	22,22		Dec. 66	0,422	18,43
1815	Jan. 0	9 58 29,416	+12 52 4,75	1825	Jan. 0	9 59 3,630	+12 49 1,25
	Apr. 10	29,411	5,25		Apr. 10	3,617	0,85
	Jul. 19	29,415	5,70		Jul. 19	3,594	0,50
	Oct. 27	29,428	6,11		Oct. 27	3,563	0,21
	Dec. 66	29,451	6,46		Dec. 66	3,522	48 59,97
1816	Jan. 1	9 58 32,648	+12 51 49,05	1826	Jan. 0	9 59 6,742	+12 48 42,71
	Apr. 10	32,677	49,37		Apr. 10	6,696	42,51
	Jul. 19	32,713	49,63		Jul. 19	6,641	42,38
	Oct. 27	32,758	49,83		Oct. 27	6,579	42,30
	Dec. 66	32,811	49,98		Dec. 66	6,510	42,29
1817	Jan. 0	9 58 35,998	+12 51 32,63	1827	Jan. 0	9 59 9,739	+12 48 24,96
	Apr. 10	36,056	32,74		Apr. 10	9,665	24,99
	Jul. 19	36,120	32,78		Jul. 19	9,585	25,09
	Oct. 27	36,191	32,76		Oct. 27	9,499	25,25
	Dec. 66	36,268	32,68		Dec. 66	9,408	25,48
1818	Jan. 0	9 58 39,447	+12 51 15,41	1828	Jan. 1	9 59 12,644	+12 48 8,07
	Apr. 10	39,528	15,29		Apr. 10	12,550	8,33
	Jul. 19	39,612	15,12		Jul. 19	12,453	8,65
	Oct. 27	39,701	14,89		Oct. 27	12,354	9,03
	Dec. 66	39,793	14,60		Dec. 66	12,252	9,46
1819	Jan. 0	9 58 42,967	+12 50 57,40	1829	Jan. 0	9 59 15,491	+12 47 51,98
	Apr. 10	43,061	57,07		Apr. 10	15,389	52,45
	Jul. 19	43,157	56,70		Jul. 19	15,287	52,96
	Oct. 27	43,253	56,28		Oct. 27	15,186	53,50
	Dec. 66	43,351	55,82		Dec. 66	15,086	54,09

Tabulae X. Sect. IV. *α Leonis.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	+0,891	+28,8	− 5,21	−14,9	−3	+1	1810	9 58 14,4663	+12 53 26,563
10	+1,162	+25,3	− 6,59	−12,6	−2	0	1811	58 17,6727	53 9,275
20	+1,396	+21,1	− 7,72	−10,1	−2	0	1812	58 20,8790	52 51,985
30	+1,584	+16,4	− 8,60	− 7,4	−2	−1	1813	58 24,0852	52 34,693
Febr. 9	+1,723	+11,4	− 9,20	− 4,7	−1	−1	1814	58 27,2913	52 17,398
							1815	58 30,4974	52 0,100
19	+1,811	+ 6,4	− 9,54	− 2,2	0	−1	1816	58 33,7033	51 42,801
Mart. 1	+1,851	+ 1,7	− 9,63	+ 0,1	0	−2	1817	58 36,9091	51 25,499
11	+1,845	− 2,6	− 9,52	+ 2,0	+1	−2	1818	58 40,1148	51 8,195
21	+1,799	− 6,2	− 9,23	+ 3,5	+1	−2	1819	58 43,3204	50 50,889
31	+1,721	− 9,1	− 8,82	+ 4,6	+2	−2	1820	58 46,5260	50 33,580
							1821	58 49,7314	50 16,269
Apr. 10	+1,618	−11,2	− 8,31	+ 5,6	+2	−3	1822	58 52,9367	49 58,956
20	+1,498	−12,4	− 7,74	+ 5,8	+2	−3	1823	58 56,1419	49 41,640
30	+1,371	−12,8	− 7,16	+ 5,8	+3	−3	1824	58 59,3470	49 24,322
Maj. 10	+1,242	−12,7	− 6,58	+ 5,7	+3	−2	1825	59 2,5520	49 7,001
20	+1,118	−11,9	− 6,02	+ 5,4	+3	−2	1826	59 5,7569	48 49,678
							1827	59 8,9617	48 32,353
30	+1,005	−10,6	− 5,51	+ 4,8	+3	−2	1828	59 12,1664	48 15,026
Jun. 9	+0,906	− 9,0	− 5,06	+ 4,2	+3	−2	1829	59 15,3710	47 57,696
19	+0,825	− 7,2	− 4,67	+ 3,6	+2	−2	1830	59 18,5754	47 40,365
29	+0,763	− 5,2	− 4,35	+ 2,8	+2	−2			
Jul. 9	+0,722	− 3,0	− 4,11	+ 1,9	+2	−1			
19	+0,704	− 0,7	− 3,97	+ 0,9	+1	−1			
29	+0,709	+ 1,8	− 3,93	− 0,2	+1	−1			
Aug. 8	+0,739	+ 4,3	− 4,01	− 1,5	0	−1			
18	+0,795	+ 7,0	− 4,23	− 3,0	0	−1			
28	+0,878	+ 9,7	− 4,61	− 4,7	−1	0			
Sept. 7	+0,988	+12,6	− 5,16	− 6,5	−1	0			
17	+1,129	+15,7	− 5,90	− 8,4	−2	0			
27	+1,301	+18,8	− 6,84	−10,5	−2	0			
Oct. 7	+1,505	+21,9	− 7,99	−12,5	−3	0			
17	+1,739	+25,0	− 9,34	−14,4	−3	0			
27	+2,004	+27,8	−10,87	−16,1	−4	0			
Nov. 6	+2,294	+30,1	−12,55	−17,4	−4	0			
16	+2,606	+32,0	−14,34	−18,3	−4	0			
26	+2,933	+33,0	−16,20	−18,6	−4	0			
Dec. 6	+3,266	+33,1	−18,06	−18,4	−4	−1			
16	+3,595	+32,3	−19,87	−17,5	−4	−1			
26	+3,911	+30,4	−21,55	−16,0	−4	−1			
36	+4,202	+27,6	−23,06	−14,0	−4	−2			

Diei reducto addendum est:

ante } Aug. 20 { + 1
post } Aug. 20 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. β *Leonis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	11 39 21,770	+15 37 57,78	1820	Jan. 1	11 39 52,292	+15 34 41,54
	Apr. 10	21,672	58,36		Apr. 10	52,387	40,95
	Jul. 19	21,573	58,95		Jul. 19	52,479	40,35
	Oct. 27	21,475	59,56		Oct. 27	52,570	39,75
	Dec. 66	21,376	38 0,19		Dec. 66	52,658	39,15
1811	Jan. 0	11 39 24,477	+15 37 39,90	1821	Jan. 0	11 39 55,696	+15 34 19,26
	Apr. 10	24,379	40,54		Apr. 10	55,783	18,66
	Jul. 19	24,285	41,17		Jul. 19	55,865	18,08
	Oct. 27	24,193	41,79		Oct. 27	55,942	17,51
	Dec. 66	24,105	42,41		Dec. 66	56,015	16,95
1812	Jan. 1	11 39 27,202	+15 37 22,13	1822	Jan. 0	11 39 59,058	+15 33 57,05
	Apr. 10	27,117	22,74		Apr. 10	59,128	56,51
	Jul. 19	27,038	23,33		Jul. 19	59,191	56,00
	Oct. 27	26,964	23,89		Oct. 27	59,247	55,52
	Dec. 66	26,897	24,43		Dec. 66	59,297	55,08
1813	Jan. 0	11 39 29,986	+15 37 4,18	1823	Jan. 0	11 40 2,348	+15 33 35,14
	Apr. 10	29,924	4,69		Apr. 10	2,393	34,72
	Jul. 19	29,869	5,17		Jul. 19	2,429	34,34
	Oct. 27	29,822	5,61		Oct. 27	2,457	34,00
	Dec. 66	29,784	6,00		Dec. 66	2,477	33,71
1814	Jan. 0	11 39 32,863	+15 36 45,80	1824	Jan. 1	11 40 5,538	+15 33 13,72
	Apr. 10	32,831	46,16		Apr. 10	5,553	13,47
	Jul. 19	32,807	46,47		Jul. 19	5,559	13,27
	Oct. 27	32,791	46,73		Oct. 27	5,555	13,12
	Dec. 66	32,784	46,94		Dec. 66	5,543	13,02
1815	Jan. 0	11 39 35,854	+15 36 26,80	1825	Jan. 0	11 40 8,615	+15 32 52,96
	Apr. 10	35,854	26,97		Apr. 10	8,597	52,91
	Jul. 19	35,863	27,08		Jul. 19	8,571	52,91
	Oct. 27	35,881	27,14		Oct. 27	8,536	52,97
	Dec. 66	35,907	27,14		Dec. 66	8,492	53,09
1816	Jan. 1	11 39 38,964	+15 36 7,07	1826	Jan. 0	11 40 11,574	+15 32 32,96
	Apr. 10	38,996	7,04		Apr. 10	11,525	33,11
	Jul. 19	39,036	6,94		Jul. 19	11,468	33,32
	Oct. 27	39,084	6,79		Oct. 27	11,405	33,59
	Dec. 66	39,139	6,59		Dec. 66	11,334	33,91
1817	Jan. 0	11 39 42,187	+15 35 46,58	1827	Jan. 0	11 40 14,425	+15 32 13,71
	Apr. 10	42,247	46,34		Apr. 10	14,349	14,06
	Jul. 19	42,313	46,06		Jul. 19	14,269	14,46
	Oct. 27	42,385	45,73		Oct. 27	14,183	14,90
	Dec. 66	42,462	45,35		Dec. 66	14,094	15,38
1818	Jan. 0	11 39 45,503	+15 35 25,40	1828	Jan. 1	11 40 17,191	+15 31 55,13
	Apr. 10	45,584	25,00		Apr. 10	17,098	55,64
	Jul. 19	45,668	24,56		Jul. 19	17,003	56,18
	Oct. 27	45,756	24,08		Oct. 27	16,907	56,75
	Dec. 66	45,847	23,57		Dec. 66	16,808	57,34
1819	Jan. 0	11 39 48,883	+15 35 3,66	1829	Jan. 0	11 40 19,907	+15 31 37,06
	Apr. 10	48,976	3,13		Apr. 10	19,807	37,67
	Jul. 19	49,069	2,58		Jul. 19	19,709	38,28
	Oct. 27	49,163	2,02		Oct. 27	19,612	38,91
	Dec. 66	49,257	1,43		Dec. 66	19,517	39,55

Tabulae X. Sect. IV. *β Leonis.*

	1820		1820		Var. 10 annor.	
Jan. 0	+0,352″	+33,2	−6,79″	−18,3	−3	+2
10	+0,677	+31,4	−8,50	−15,7	−3	+1
20	+0,979	+28,6	−9,92	−12,7	−3	+1
30	+1,248	+25,1	−11,03	−9,4	−3	0
Febr. 9	+1,480	+21,0	−11,79	−5,9	−2	0
19	+1,667	+16,4	−12,21	−2,5	−2	−1
Mart. 1	+1,808	+11,9	−12 29	+0,6	−1	−1
11	+1,904	+7,5	−12,09	+3,4	−1	−1
21	+1,958	+6,4	−11,62	+5,7	0	−2
31	+1,972	−0,3	−10,95	+7,4	0	−2
Apr. 10	+1,953	−3,3	−10,14	+8,7	+1	−2
20	+1,906	−5,9	−9,22	+9,4	+1	−2
30	+1,836	−7,8	−8,27	+9,5	+2	−2
Maj. 10	+1,750	−9,1	−7,32	+9,3	+2	−2
20	+1,654	−10,0	−6,41	+8,8	+2	−2
30	+1,551	−10,4	−5,57	+7,8	+3	−2
Jun. 9	+1,446	−10,5	−4,85	+6,6	+3	−2
19	+1,341	−10,3	−4,25	+5,4	+3	−2
29	+1,241	−9,7	−3,78	+3,9	+3	−2
Jul. 9	+1,147	−8,9	−3,48	+2,3	+3	−1
19	+1,063	−7,9	−3,33	+0,6	+2	−1
29	+0,990	−6,6	−3,36	−1,2	+2	−1
Aug. 8	+0,932	−4,9	−3,57	−3,1	+2	0
18	+0,892	−3,0	−3,97	−5,0	+1	0
28	+0,873	−0,6	−4,57	−7,1	+1	0
Sept. 7	+0,880	+2,3	−5,38	−9,2	0	0
17	+0,918	+5,4	−6,41	−11,4	0	+1
27	+0,988	+8,9	−7,66	−13,7	−1	+1
Oct. 7	+1,095	+12,7	−9,14	−15,9	−1	+1
17	+1,242	+16,7	−10,83	−17,9	−2	+2
27	+1,429	+20,7	−12,71	−19,7	−2	+2
Nov. 6	+1,656	+24,6	−14,76	−21,2	−3	+2
16	+1,920	+28,0	−16,93	−22,1	−3	+2
26	+2,215	+30,7	−19,17	−22,5	−4	+2
Dec. 6	+2,534	+32,7	−21,42	−22,2	−4	+2
16	+2,869	+33,8	−23,61	−21,3	−4	+2
26	+3,209	+33,7	−25,68	−19,7	−4	+2
36	+3,543	+32,7	−27,54	−17,4	−4	+1

	A. R. med.	Decl. med.
1810	11ʰ 39′ 21″,5679	+15° 38′ 0″,856
1811	39 24,6357	37 40,776
1812	39 27,7034	37 20,696
1813	39 30,7711	37 0,615
1814	39 33,8387	36 40,534
1815	39 36,9062	36 20,453
1816	39 39,9736	36 0,371
1817	39 43,0409	35 40,289
1818	39 46,1082	35 20,207
1819	39 49,1754	35 0,124
1820	39 52,2425	34 40,040
1821	39 55,3095	34 19,956
1822	39 58,3765	33 59,872
1823	40 1,4434	33 39,788
1824	40 4,5102	33 19,703
1825	40 7,5770	32 59,619
1826	40 10,6436	32 39,534
1827	40 13,7102	32 19,448
1828	40 16,7767	31 59,362
1829	40 19,8431	31 39,276
1830	40 22,9094	31 19,188

Diei reducto addendum est:

ante } Sept. 17 { + 1
post } Sept. 17 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens

Tabulae X. Sect. IV. *β Virginis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	11 40 48,205	+ 2 50 2,66	1820	Jan. 1	11 41 19,037	+ 2 46 44,26
	Apr. 10	48,112	3,24		Apr. 10	19,130	43,66
	Jul. 19	48,017	3,84		Jul. 19	19,222	43,06
	Oct. 27	47,921	4,45		Oct. 27	19,313	42,46
	Dec. 66	47,823	5,08		Dec. 66	19,404	41,86
1811	Jan. 0	11 40 50,980	+ 2 49 44,58	1821	Jan. 0	11 41 22,497	+ 2 46 21,77
	Apr. 10	50,883	45,21		Apr. 10	22,586	21,17
	Jul. 19	50,788	45,84		Jul. 19	22,672	20,59
	Oct. 27	50,795	46,47		Oct. 27	22,754	20,02
	Dec. 66	50,603	47,09		Dec. 66	22,833	19,47
1812	Jan. 1	11 40 53,758	+ 2 49 26,60	1822	Jan. 0	11 41 25,931	+ 2 45 59,36
	Apr. 10	53,669	27,21		Apr. 10	26,007	58,82
	Jul. 19	53,584	27,80		Jul. 19	26,077	58,32
	Oct. 27	53,505	28,36		Oct. 27	26,141	57,84
	Dec. 66	53,430	28,90		Dec. 66	26,200	57,40
1813	Jan. 0	11 40 56,579	+ 2 49 8,43	1823	Jan. 0	11 41 29,106	+ 2 45 37,25
	Apr. 10	56,508	8,95		Apr. 10	29,160	36,83
	Jul. 19	56,445	9,42		Jul. 19	29,207	36,46
	Oct. 27	56,389	9,85		Oct. 27	29,246	36,13
	Dec. 66	56,340	10,25		Dec. 66	29,278	35,85
1814	Jan. 0	11 40 59,480	+ 2 48 49,83	1824	Jan. 1	11 41 32,592	+ 2 45 15,65
	Apr. 10	59,436	50,19		Apr. 10	32,618	15,40
	Jul. 19	59,401	50,50		Jul. 19	32,636	15,20
	Oct. 27	59,374	50,76		Oct. 27	32,645	15,06
	Dec. 66	59,356	50,96		Dec. 66	32,646	14,97
1815	Jan. 0	11 41 2,486	+ 2 48 30,61	1825	Jan. 0	11 41 35,771	+ 2 44 54,70
	Apr. 10	2,473	30,78		Apr. 10	35,766	54,65
	Jul. 19	2,469	30,89		Jul. 19	35,752	54,66
	Oct. 27	2,474	30,94		Oct. 27	35,729	54,73
	Dec. 66	2,488	30,94		Dec. 66	35,698	54,85
1816	Jan. 1	11 41 5,607	+ 2 48 10,65	1826	Jan. 0	11 41 38,834	+ 2 44 34,51
	Apr. 10	5,626	10,61		Apr. 10	38,797	34,67
	Jul. 19	5,654	10,52		Jul. 19	38,753	34,89
	Oct. 27	5,689	10,37		Oct. 27	38,700	35,16
	Dec. 66	5,733	10,16		Dec. 66	38,640	35,48
1817	Jan. 0	11 41 8,842	+ 2 47 49,95	1827	Jan. 0	11 41 41,785	+ 2 44 15,07
	Apr. 10	8,891	49,71		Apr. 10	41,720	15,43
	Jul. 19	8,946	49,42		Jul. 19	41,650	15,83
	Oct. 27	9,008	49,08		Oct. 27	41,573	16,27
	Dec. 66	9,076	48,70		Dec. 66	41,491	16,76
1818	Jan. 0	11 41 12,177	+ 2 47 28,55	1828	Jan. 1	11 41 44,643	+ 2 43 56,30
	Apr. 10	12,249	28,14		Apr. 10	44,557	56,82
	Jul. 19	12,325	27,69		Jul. 19	44,468	57,36
	Oct. 27	12,405	27,21		Oct. 27	44,376	57,93
	Dec. 66	12,490	26,70		Dec. 66	44,281	58,53
1819	Jan. 0	11 41 15,585	+ 2 47 6,59	1829	Jan. 0	11 41 47,437	+ 2 43 38,03
	Apr. 10	15,672	6,06		Apr. 10	47,341	38,64
	Jul. 19	15,761	5,51		Jul. 19	47,245	39,26
	Oct. 27	15,851	4,94		Oct. 27	47,149	39,89
	Dec. 66	15,943	4,35		Dec. 66	47,052	40,53

Tabulae X. Sect. IV. *β Virginis.*

	1820		1820		Var. 10 annor.	
Jan. 0	+0″,340	+32,5	− 2″,52	−20,9	−3	+2
10	+0,658	+30,6	− 4,55	−19,5	−3	+2
20	+0,952	+27,9	− 6,42	−17,6	−3	+2
30	+1,215	+24,4	− 8,07	−15,3	−2	+1
Febr. 9	+1,440	+20,5	− 9,47	−12,7	−2	+1
19	+1,624	+16,2	−10,60	− 9,9	−1	+1
Mart. 1	+1,764	+11,8	−11,45	− 7,1	−1	0
11	+1,860	+ 7,7	−12,02	− 4,5	0	0
21	+1,917	+ 3,8	−12,34	− 2,1	0	−1
31	+1,936	+ 0,4	−12,43	+ 0,1	+1	−1
Apr. 10	+1,924	− 2,5	−12,32	+ 1,9	+1	−1
20	+1,886	− 4,9	−12,05	+ 3,4	+1	−1
30	+1,827	− 6,7	−11,65	+ 4,5	+2	−2
Maj. 10	+1,753	− 8,0	−11,16	+ 5,2	+2	−2
20	+1,668	− 8,8	−10,61	+ 5,7	+3	−2
30	+1,577	− 9,3	−10,02	+ 6,0	+3	−2
Jun. 9	+1,482	− 9,5	− 9,41	+ 6,1	+3	−2
19	+1,388	− 9,3	− 8,80	+ 6,0	+3	−2
29	+1,296	− 9,0	− 8,22	+ 5,7	+3	−2
Jul. 9	+1,209	− 8,3	− 7,66	+ 5,3	+3	−2
19	+1,130	− 7,4	− 7,16	+ 4,7	+3	−2
29	+1,061	− 6,2	− 6,72	+ 3,9	+2	−1
Aug. 8	+1,006	− 4,7	− 6,38	+ 2,9	+2	−1
18	+0,968	− 2,8	− 6,15	+ 1,6	+2	−1
28	+0,951	− 0,5	− 6,06	+ 0,1	+1	−1
Sept. 7	+0,959	+ 2,3	− 6,14	− 1,8	+1	−1
17	+0,996	+ 5,4	− 6,42	− 3,9	0	0
27	+1,066	+ 8,9	− 6,92	− 6,3	0	0
Oct. 7	+1,173	+12,6	− 7,67	− 8,8	−1	0
17	+1,318	+16,6	− 8,67	−11,3	−1	+1
27	+1,504	+20,6	− 9,93	−13,9	−2	+1
Nov. 6	+1,729	+24,3	−11,44	−16,3	−2	+1
16	+1,990	+27,6	−13,18	−18,3	−3	+2
26	+2,281	+30,3	−15,10	−20,0	−3	+2
Dec. 6	+2,596	+32,2	−17,17	−21,1	−3	+2
16	+2,925	+33,2	−19,32	−21,6	−3	+2
26	+3,259	+33,1	−21,48	−21,3	−3	+2
36	+3,586	+31,9	−23,58	−20,4	−3	+2

	A. R. med.	Decl. med.
1810	11h 40′ 47″,8762	+ 2° 50′ 5″,684
1811	40 51,0007	49 45,398
1812	40 54,1252	49 25,112
1813	40 57,2497	49 4,825
1814	41 0,3742	48 44,538
1815	41 3,4986	48 24,251
1816	41 6,6231	48 3,963
1817	41 9,7476	47 43,675
1818	41 12,8721	47 23,387
1819	41 15,9965	47 3,098
1820	41 19,1209	46 42,810
1821	41 22,2453	46 22,521
1822	41 25,3697	46 2,232
1823	41 28,2941	45 41,942
1824	41 31,6185	45 21,652
1825	41 34,7430	45 1,361
1826	41 37,8674	44 41,070
1827	41 40,9918	44 20,779
1828	41 44,1162	44 0,487
1829	41 47,2406	43 40,195
1830	41 50,3649	43 19,904

Diei reducto addendum est:

ante } Sept. 17 { + 1
post } Sept. 17 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Virginis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	13 15 12,404	—10 9 56,80	1820	Jan. 1	13 15 43,174	—10 13 9,86
	Apr. 10	12,312	56,14		Apr. 10	43,268	10,45
	Jul. 19	12,217	55,50		Jul. 19	43,363	11,01
	Oct. 27	12,120	54,88		Oct. 27	43,457	11,54
	Dec. 66	12,021	54,28		Dec. 66	43,552	12,05
1811	Jan. 0	13 15 15,199	—10 10 13,52	1821	Jan. 0	13 15 46,666	—10 13 30,91
	Apr. 10	15,099	12,93		Apr. 10	46,760	31,39
	Jul. 19	14,999	12,38		Jul. 19	46,852	31,83
	Oct. 27	14,901	11,86		Oct. 27	46,941	32,23
	Dec. 66	14,804	11,38		Dec. 66	47,028	32,59
1812	Jan. 1	13 15 17,981	—10 10 30,57	1822	Jan. 0	13 15 50,145	—10 13 51,50
	Apr. 10	17,885	30,12		Apr. 10	50,229	51,83
	Jul. 19	17,793	29,72		Jul. 19	50,309	52,10
	Oct. 27	17,705	29,36		Oct. 27	50,383	52,32
	Dec. 66	17,621	29,06		Dec. 66	50,452	52,49
1813	Jan. 0	13 15 20,793	—10 10 48,20	1823	Jan. 0	13 15 53,575	—10 14 11,46
	Apr. 10	20,713	47,93		Apr. 10	53,640	11,59
	Jul. 19	20,639	47,73		Jul. 19	53,698	11,67
	Oct. 27	20,572	47,58		Oct. 27	53,749	11,69
	Dec. 66	20,511	47,49		Dec. 66	53,793	11,65
1814	Jan. 0	13 15 23,675	—10 11 6,55	1824	Jan. 1	13 15 56,925	—10 14 30,69
	Apr. 10	23,619	6,50		Apr. 10	56,963	30,61
	Jul. 19	23,572	6,52		Jul. 19	56,993	30,47
	Oct. 27	23,533	6,59		Oct. 27	57,014	30,28
	Dec. 66	23,503	6,72		Dec. 66	57,027	30,03
1815	Jan. 0	13 15 26,657	—10 11 25,71	1825	Jan. 0	13 16 0,170	—10 14 49,14
	Apr. 10	26,632	25,88		Apr. 10	0,177	48,86
	Jul. 19	26,616	26,11		Jul. 19	0,175	48,52
	Oct. 27	26,609	26,39		Oct. 27	0,164	48,13
	Dec. 66	26,611	26,72		Dec. 66	0,143	47,70
1816	Jan. 1	13 15 29,754	—10 11 45,64	1826	Jan. 0	13 16 3,297	—10 15 6,87
	Apr. 10	29,762	46,01		Apr. 10	3,271	6,40
	Jul. 19	29,779	46,42		Jul. 19	3,236	5,90
	Oct. 27	29,804	46,87		Oct. 27	3,193	5,36
	Dec. 66	29,838	47,36		Dec. 66	3,141	4,78
1817	Jan. 0	13 15 32,971	—10 12 6,23	1827	Jan. 0	13 16 6,305	—10 15 24,00
	Apr. 10	33,010	6,75		Apr. 10	6,248	23,40
	Jul. 19	33,056	7,29		Jul. 19	6,184	22,79
	Oct. 27	33,110	7,86		Oct. 27	6,113	22,16
	Dec. 66	33,171	8,45		Dec. 66	6,035	21,51
1818	Jan. 0	13 15 36,295	—10 12 27,28	1828	Jan. 1	13 16 9,208	—10 15 40,74
	Apr. 10	36,360	27,89		Apr. 10	9,126	40,09
	Jul. 19	36,431	28,50		Jul. 19	9,040	39,44
	Oct. 27	36,507	29,13		Oct. 27	8,950	38,79
	Dec. 66	36,589	29,76		Dec. 66	8,856	38,14
1819	Jan. 0	13 15 39,706	—10 12 48,57	1829	Jan. 0	13 16 12,034	—10 15 57,37
	Apr. 10	39,791	49,21		Apr. 10	11,937	56,73
	Jul. 19	39,878	49,83		Jul. 19	11,839	56,12
	Oct. 27	39,968	50,44		Oct. 27	11,741	55,53
	Dec. 66	40,060	51,03		Dec. 66	11,641	54,96

Tabulae X. Sect. IV. *α Virginis*.

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	−0,204	+33,4	+ 2,20	−20,1	−3	+2
10	+0,130	+33,1	+ 0,17	−20,4	−3	+2
20	+0,458	+31,9	− 1,87	−20,1	−3	+2
30	+0,768	+29,9	− 3,85	−19,2	−3	+2
Febr. 9	+1,055	+27,2	− 5,71	−17,8	−2	+2
19	+1,311	+24,0	− 7,41	−16,0	−2	+2
Mart. 1	+1,534	+20,5	− 8,90	−13,8	−2	+2
11	+1,720	+16,9	−10,17	−11,6	−1	+2
21	+1,871	+13,3	−11,21	− 9,3	0	+2
31	+1,986	+ 9,9	−12,02	− 7,1	0	+1
Apr. 10	+2,069	+ 6,8	−12,62	− 5,0	+1	+1
20	+2,122	+ 4,0	−13,01	− 3,1	+1	+1
30	+2,148	+ 1,4	−13,23	− 1,4	+2	+1
Maj. 10	+2,149	− 1,0	−13,28	+ 0,2	+2	0
20	+2,128	− 3,1	−13,20	+ 1,4	+3	0
30	+2,088	− 4,9	−13,00	+ 2,5	+3	0
Jun. 9	+2,030	− 6,6	−12,70	+ 3,5	+3	0
19	+1,957	− 8,0	−12,30	+ 4,3	+3	−1
29	+1,871	− 9,2	−11,84	+ 5,0	+4	−1
Jul. 9	+1,773	−10,2	−11,30	+ 5,6	+4	−1
19	+1,667	−10,8	−10,72	+ 6,0	+4	−1
29	+1,557	−11,1	−10,11	+ 6,2	+3	−1
Aug. 8	+1,446	−10,9	− 9,48	+ 6,3	+3	−1
18	+1,340	−10,1	− 8,86	+ 6,0	+3	−1
28	+1,244	− 8,7	− 8,28	+ 5,5	+3	−1
Sept. 7	+1,166	− 6,7	− 7,76	+ 4,6	+2	−1
17	+1,111	− 4,0	− 7,36	+ 3,3	+2	−1
27	+1,087	− 0,6	− 7,10	+ 1,7	+1	0
Oct. 7	+1,099	+ 3,4	− 7,02	− 0,4	+1	0
17	+1,154	+ 7,8	− 7,18	− 2,8	0	0
27	+1,254	+12,4	− 7,58	− 5,4	0	+1
Nov. 6	+1,401	+17,1	− 8,26	− 8,3	−1	+1
16	+1,595	+21,5	− 9,23	−11,1	−1	+2
26	+1,831	+25,5	−10,47	−13,7	−1	+2
Dec. 6	+2,105	+28,9	−11,97	−16,1	−2	+3
16	+2,409	+31,4	−13,69	−18,1	−2	+3
26	+2,733	+32,9	−15,58	−19,5	−2	+3
36	+3,067	+33,4	−17,58	−20,3	−2	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	13 15 11,9422	−10 9 57,343
1811	15 15,0865	10 16,385
1812	15 18,2309	10 35,425
1813	15 21,3754	10 54,464
1814	15 24,5200	11 13,500
1815	15 27,6646	11 32,535
1816	15 30,8094	11 51,569
1817	15 33,9543	12 10,601
1818	15 37,0994	12 29,632
1819	15 40,2446	12 48,661
1820	15 43,3899	13 7,690
1821	15 46,5353	13 26,716
1822	15 49,6808	13 45,741
1823	15 52,8264	14 4,764
1824	15 55,9721	14 23,786
1825	15 59,1180	14 42,806
1826	16 2,2639	15 1,825
1827	16 5,4100	15 20,842
1828	16 8,5562	15 39,857
1829	16 11,7025	15 58,872
1830	16 14,8488	16 17,884

Diei reducto addendum est:

ante } Oct. 13 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Bootis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	14 7 0,077	+20 10 38,14	1820	Jan. 1	14 7 27,330	+20 7 21,39
	Apr. 10	6 59,987	38,78		Apr. 10	27,416	20,85
	Jul. 19	59,897	39,40		Jul. 19	27,500	20,35
	Oct. 27	59,807	39,98		Oct. 27	27,581	19,90
	Dec. 66	59,717	40,53		Dec. 66	27,661	19,48
1811	Jan. 0	14 7 2,479	+20 10 21,32	1821	Jan. 0	14 7 30,367	+20 7 0,61
	Apr. 10	2,391	21,84		Apr. 10	30,445	0,23
	Jul. 19	2,306	22,31		Jul. 19	30,518	6 59,90
	Oct. 27	2,224	22,73		Oct. 27	30,587	59,62
	Dec. 66	2,145	23,11		Dec. 66	30,651	59,40
1812	Jan. 1	14 7 4,903	+20 10 3,96	1822	Jan. 0	14 7 33,362	+20 6 40,46
	Apr. 10	4,827	4,29		Apr. 10	33,423	40,28
	Jul. 19	4,757	4,56		Jul. 19	33,478	40,15
	Oct. 27	4,692	4,77		Oct. 27	33,527	40,09
	Dec. 66	4,633	4,92		Dec. 66	33,569	40,08
1813	Jan. 0	14 7 7,385	+20 9 45,86	1823	Jan. 0	14 7 36,288	+20 6 21,07
	Apr. 10	7,330	45,96		Apr. 10	36,326	21,11
	Jul. 19	7,283	46,00		Jul. 19	36,356	21,21
	Oct. 27	7,243	45,98		Oct. 27	36,379	21,37
	Dec. 66	7,211	45,89		Dec. 66	36,395	21,58
1814	Jan. 0	14 7 9,953	+20 9 26,90	1824	Jan. 1	14 7 39,123	+20 6 2,50
	Apr. 10	9,926	26,77		Apr. 10	39,133	2,76
	Jul. 19	9,908	26,57		Jul. 19	39,135	3,07
	Oct. 27	9,897	26,32		Oct. 27	39,128	3,44
	Dec. 66	9,895	26,01		Dec. 66	39,114	3,86
1815	Jan. 0	14 7 12,627	+20 9 7,10	1825	Jan. 0	14 7 41,852	+20 5 44,71
	Apr. 10	12,630	6,75		Apr. 10	41,832	45,16
	Jul. 19	12,641	6,35		Jul. 19	41,805	45,66
	Oct. 27	12,658	5,90		Oct. 27	41,770	46,20
	Dec. 66	12,683	5,41		Dec. 66	41,728	46,78
1816	Jan. 1	14 7 15,410	+20 8 46,56	1826	Jan. 0	14 7 44,475	+20 5 27,59
	Apr. 10	15,443	46,04		Apr. 10	44,427	28,19
	Jul. 19	15,482	45,48		Jul. 19	44,373	28,82
	Oct. 27	15,428	44,90		Oct. 27	44,313	29,47
	Dec. 66	15,581	44,28		Dec. 66	44,246	30,14
1817	Jan. 0	14 7 18,295	+20 8 25,47	1827	Jan. 0	14 7 47,001	+20 5 10,92
	Apr. 10	18,352	24,84		Apr. 10	46,930	11,60
	Jul. 19	18,415	24,19		Jul. 19	46,855	12,29
	Oct. 27	18,482	23,53		Oct. 27	46,776	12,98
	Dec. 66	18,555	22,86		Dec. 66	46,692	13,67
1818	Jan. 0	14 7 21,262	+20 8 4,07	1828	Jan. 1	14 7 49,453	+20 4 54,45
	Apr. 10	21,338	3,40		Apr. 10	49,367	55,13
	Jul. 19	21,416	2,73		Jul. 19	49,280	55,80
	Oct. 27	21,497	2,07		Oct. 27	49,191	56,44
	Dec. 66	21,581	1,41		Dec. 66	49,100	57,07
1819	Jan. 0	14 7 24,285	+20 7 42,62	1829	Jan. 0	14 7 51,863	+20 4 37,88
	Apr. 10	24,370	41,98		Apr. 10	51,772	38,48
	Jul. 19	24,455	41,36		Jul. 19	51,683	39,05
	Oct. 27	24,540	40,77		Oct. 27	51,595	39,57
	Dec. 66	24,626	40,21		Dec. 66	51,509	40,06

Tabulae X. Sect. IV. *α Bootis.*

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	−0,545	+31,9	− 7,55	−24,4	−3	+2
10	−0,219	+32,9	− 9,87	−21,7	−3	+2
20	+0,113	+32,9	−11,88	−18,3	−3	+2
30	+0,439	+32,0	−13,53	−14,5	−3	+2
Febr. 9	+0,752	+30,2	−14,77	−10,2	−3	+1
19	+1,042	+27,6	−15,57	− 5,8	−3	+1
Mart. 1	+1,304	+24,7	−15,92	− 1,4	−2	+1
11	+1,535	+21,8	−15,84	+ 2,9	−2	0
21	+1,731	+17,9	−15,35	+ 6,6	−2	0
31	+1,892	+14,4	−14,52	+ 9,8	−1	0
Apr. 10	+2,018	+10,9	−13,39	+12,5	−1	−1
20	+2,110	+ 7,6	−12,03	+14,4	0	−1
30	+2,170	+ 4,5	−10,52	+15,5	0	−1
Maj. 10	+2,200	+ 1,6	− 8,94	+15,9	+1	−1
20	+2,202	− 1,2	− 7,34	+15,7	+1	−1
30	+2,177	− 3,7	− 5,80	+15,0	+1	−1
Jun. 9	+2,129	− 6,0	− 4,35	+13,7	+2	−1
19	+2,058	− 8,1	− 3,06	+12,0	+2	−1
29	+1,968	−10,0	− 1,96	+ 9,9	+2	−1
Jul. 9	+1,859	−11,6	− 1,08	+ 7,7	+3	−1
19	+1,736	−12,9	− 0,43	+ 5,2	+3	0
29	+1,602	−13,8	− 0,05	+ 2,5	+3	0
Aug. 8	+1,460	−14,3	+ 0,06	− 0,3	+3	0
18	+1,317	−14,1	− 0,11	− 3,1	+3	0
28	+1,178	−13,4	− 0,56	− 6,0	+3	+1
Sept. 7	+1,049	−12,0	− 1,30	− 8,9	+2	+1
17	+0,939	− 9,8	− 2,34	−11,9	+2	+2
27	+0,854	− 6,9	− 3,67	−14,7	+2	+2
Oct. 7	+0,802	− 3,3	− 5,28	−17,5	+1	+2
17	+0,789	+ 1,0	− 7,17	−20,2	+1	+3
27	+0,821	+ 5,6	− 9,31	−22,5	0	+3
Nov. 6	+0,900	+11,0	−11,67	−24,5	0	+4
16	+1,030	+15,4	−14,21	−26,1	−1	+4
26	+1,208	+20,1	−16,89	−27,1	−1	+4
Dec. 6	+1,432	+24,4	−19,63	−27,4	−2	+4
16	+1,696	+28,0	−22,36	−26,9	−2	+5
26	+1,991	+30,7	−25,00	−25,5	−2	+5
36	+2,309	+32,4	−27,46	−23,5	−3	+4

	A. R. med:	Decl. med.
	h ′ ″	° ′ ″
1810	14 6 59,9274	+20 10 35,632
1811	7 2,6596	10 16,602
1812	7 5,3918	9 57,574
1813	7 8,1240	9 38,549
1814	7 10,8562	9 19,525
1815	7 13,5883	9 0,504
1816	7 16,3205	8 41,485
1817	7 19,0527	8 22,468
1818	7 21,7849	8 3,453
1819	7 24,5172	7 44,440
1820	7 27,2495	7 25,430
1821	7 29,9818	7 6,422
1822	7 32,7141	6 47,416
1823	7 35,4464	6 28,412
1824	7 38,1787	6 9,410
1825	7 40,9110	5 50,410
1826	7 43,6433	5 31,413
1827	7 46,3757	5 12,418
1828	7 49,1081	4 53,425
1829	7 51,8405	4 34,434
1830	7 54,5729	4 15,445

Diei reducto addendum est:

ante	Oct. 27	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. 1*α Librae.*

1810	Jan. 0	14h 40′ 12″,386	−15° 11′ 55″,37	1820	Jan. 1	14h 40′ 44″,626	−15° 14′ 38″,41
	Apr. 10	12,290	54,74		Apr. 10	44,725	38,91
	Jul. 19	12,191	54,16		Jul. 19	44,824	39,35
	Oct. 27	12,089	53,62		Oct. 27	44,924	39,74
	Dec. 66	11,985	53,12		Dec. 66	45,024	40,09
1811	Jan. 0	14 40 15,318	−15 12 8,72	1821	Jan. 0	14 40 48,290	−15 14 55,38
	Apr. 10	15,213	8,26		Apr. 10	48,389	55,69
	Jul. 19	15,109	7,85		Jul. 19	48,486	55,94
	Oct. 27	15,006	7,50		Oct. 27	48,580	56,13
	Dec. 66	14,903	7,21		Dec. 66	48,672	56,26
1812	Jan. 1	14 40 18,235	−15 12 22,73	1822	Jan. 0	14 40 51,941	−15 15 11,62
	Apr. 10	18,133	22,49		Apr. 10	52,031	11,71
	Jul. 19	18,036	22,31		Jul. 19	52,115	11,73
	Oct. 27	17,943	22,20		Oct. 27	52,194	11,69
	Dec. 66	17,854	22,15		Dec. 66	52,268	11,58
1813	Jan. 0	14 40 21,181	−15 12 37,58	1823	Jan. 0	14 40 55,543	−15 15 27,02
	Apr. 10	21,095	37,58		Apr. 10	55,613	26,88
	Jul. 19	21,015	37,65		Jul. 19	55,675	26,67
	Oct. 27	20,945	37,79		Oct. 27	55,730	26,41
	Dec. 66	20,881	37,99		Dec. 66	55,777	26,08
1814	Jan. 0	14 40 24,200	−15 12 53,34	1824	Jan. 1	14 40 59,062	−15 15 41,59
	Apr. 10	24,140	53,58		Apr. 10	59,104	41,22
	Jul. 19	24,089	53,88		Jul. 19	59,137	40,80
	Oct. 27	24,047	54,24		Oct. 27	59,161	40,34
	Dec. 66	24,013	54,67		Dec. 66	59,176	39,82
1815	Jan. 0	14 40 27,321	−15 13 9,94	1825	Jan. 0	14 41 2,472	−15 15 55,39
	Apr. 10	27,293	10,39		Apr. 10	2,481	54,84
	Jul. 19	27,275	10,89		Jul. 19	2,480	54,25
	Oct. 27	27,266	11,43		Oct. 27	2,470	53,63
	Dec. 66	27,267	12,02		Dec. 66	2,450	52,97
1816	Jan. 1	14 40 30,564	−15 13 27,24	1826	Jan. 0	14 41 5,758	−15 16 8,58
	Apr. 10	30,571	27,85		Apr. 10	5,732	7,90
	Jul. 19	30,587	28,48		Jul. 19	5,697	7,21
	Oct. 27	30,612	29,14		Oct. 27	5,653	6,51
	Dec. 66	30,646	29,83		Dec. 66	5,599	5,79
1817	Jan. 0	14 40 33,932	−15 13 45,01	1827	Jan. 0	14 41 8,918	−15 16 21,42
	Apr. 10	33,972	45,70		Apr. 10	8,860	20,69
	Jul. 19	34,019	46,40		Jul. 19	8,794	19,97
	Oct. 27	34,074	46,10		Oct. 27	8,721	19,26
	Dec. 66	34,137	47,81		Dec. 66	8,640	18,56
1818	Jan. 0	14 40 37,415	−15 14 2,98	1828	Jan. 1	14 41 11,968	−15 16 34,18
	Apr. 10	37,483	3,68		Apr. 10	11,883	33,49
	Jul. 19	37,556	4,36		Jul. 19	11,793	32,83
	Oct. 27	37,635	5,03		Oct. 27	11,699	32,20
	Dec. 66	37,719	5,68		Dec. 66	11,600	31,60
1819	Jan. 0	14 40 40,990	−15 14 20,87	1829	Jan. 0	14 41 14,934	−15 16 47,18
	Apr. 10	41,077	21,50		Apr. 10	14,833	46,61
	Jul. 19	41,168	22,09		Jul. 19	14,731	46,09
	Oct. 27	41,262	22,65		Oct. 27	14,627	45,62
	Dec. 66	41,360	23,18		Dec. 66	14,522	45,20

Tabulae X. Sect. IV. 1 *α Librae.*

	1820		1820		Var. 10 annor.	
Jan. 0	−0,687″	+31,7	+3,44″	−15,2	−3	+1
10	−0,362	+32,9	+1,85	−16,3	−3	+1
20	−0,029	+33,2	+0,19	−16,7	−3	+2
30	+0,302	+32,7	−1,49	−16,6	−3	+2
Febr. 9	+0,624	+31,3	−3,12	−15,9	−3	+2
19	+0,928	+29,4	−4,66	−14,8	−3	+2
Mart. 1	+1,211	+27,0	−6,07	−13,3	−2	+2
11	+1,468	+24,3	−7,31	−11,6	−2	+3
21	+1,696	+21,4	−8,38	−9,8	−1	+3
31	+1,896	+18,6	−9,26	−8,0	−1	+3
Apr. 10	+2,067	+15,7	−9,97	−6,2	0	+2
20	+2,209	+12,8	−10,50	−4,5	0	+2
30	+2,323	+10,0	−10,87	−3,1	+1	+2
Maj. 10	+2,408	+7,2	−11,11	−1,8	+1	+2
20	+2,466	+4,5	−11,23	−0,7	+2	+2
30	+2,497	+1,7	−11,24	+0,3	+2	+2
Jun. 9	+2,500	−1,0	−11,17	+1,2	+3	+2
19	+2,477	−3,6	−11,01	+2,0	+3	+1
29	+2,428	−6,2	−10,78	+2,6	+4	+1
Jul. 9	+2,354	−8,5	−10,49	+3,3	+4	+1
19	+2,258	−10,6	−10,13	+3,9	+4	+1
29	+2,143	−12,2	−9,72	+4,4	+4	+1
Aug. 8	+2,014	−13,4	−9,26	+4,8	+4	0
18	+1,876	−14,0	−8,76	+5,1	+4	0
28	+1,735	−13,8	−8,24	+5,2	+4	0
Sept. 7	+1,600	−12,8	−7,73	+5,0	+3	0
17	+1,479	−11,0	−7,24	+4,6	+3	0
27	+1,381	−8,3	−6,82	+3,8	+3	0
Oct. 7	+1,314	−4,8	−6,49	+2,6	+2	0
17	+1,286	−0,6	−6,31	+1,0	+2	+1
27	+1,303	+4,2	−6,30	−0,9	+1	+1
Nov. 6	+1,369	+9,2	−6,49	−3,1	+1	+1
16	+1,487	+14,4	−6,92	−5,6	0	+2
26	+1,656	+19,2	−7,60	−8,0	0	+2
Dec. 6	+1,871	+23,6	−8,52	−10,4	−1	+3
16	+2,128	+27,4	−9,68	−12,6	−1	+3
26	+2,418	+30,3	−11,04	−14,4	−1	+4
36	+2,733	+32,3	−12,55	−15,7	−2	+4

	A. R. med.	Decl. med.
1810	14ʰ 40′ 11″,8848	−15° 11′ 59″,069
1811	40 15,1826	12 14,503
1812	40 18,4805	12 29,934
1813	40 21,7786	12 45,362
1814	40 25,0769	13 0,787
1815	40 28,3753	13 16,208
1816	40 31,6739	13 31,627
1817	40 34,9726	13 47,042
1818	40 38,2715	14 2,455
1819	40 41,5705	14 17,864
1820	40 44,8697	14 33,270
1821	40 48,1690	14 48,673
1822	40 51,4685	15 4,073
1823	40 54,7682	15 19,470
1824	40 58,0680	15 34,864
1825	41 1,3680	15 50,254
1826	41 4,6681	16 5,642
1827	41 7,9684	16 21,026
1828	41 11,2688	16 36,408
1829	41 14,5694	16 51,786
1830	41 17,8702	17 7,161

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } Nov. 4 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. 2α *Librae.*

1810	Jan. 0	14 40 23,728	—15 14 37,44	1820	Jan. 1	14 40 55,986	—15 17 20,20
	Apr. 10	23,632	36,82		Apr. 10	56,085	20,69
	Jul. 19	23,533	36,24		Jul. 19	56,184	21,14
	Oct. 27	23,431	35,70		Oct. 27	56,282	21,53
	Dec. 66	23,327	35,20		Dec. 66	56,384	21,87
1811	Jan. 0	14 40 26,662	—15 14 50,76	1821	Jan. 0	14 40 59,652	—15 17 37,14
	Apr. 10	26,557	50,30		Apr. 10	59,751	37,44
	Jul. 19	26,452	49,89		Jul. 19	59,848	37,69
	Oct. 27	26,349	49,55		Oct. 27	59,942	37,88
	Dec. 66	26,246	49,26		Dec. 66	41 0,034	38,01
1812	Jan. 1	14 40 29,580	—15 15 4,75	1822	Jan. 0	14 41 3,305	—15 17 53,34
	Apr. 10	29,478	4,50		Apr. 10	3,395	53,43
	Jul. 19	29,381	4,32		Jul. 19	3,479	53,45
	Oct. 27	29,288	4,21		Oct. 27	3,558	53,41
	Dec. 66	29,199	4,17		Dec. 66	3,632	53,30
1813	Jan. 0	14 40 32,528	—15 15 19,57	1823	Jan. 0	14 41 6,909	—15 18 8,71
	Apr. 10	32,442	19,57		Apr. 10	6,979	8,57
	Jul. 19	32,364	19,64		Jul. 19	7,041	8,36
	Oct. 27	32,292	19,78		Oct. 27	7,096	8,09
	Dec. 66	32,227	19,98		Dec. 66	7,144	7,76
1814	Jan. 0	14 40 35,548	—15 15 35,30	1824	Jan. 1	14 41 10,430	—15 18 23,24
	Apr. 10	35,489	35,55		Apr. 10	10,473	22,88
	Jul. 19	35,438	35,85		Jul. 19	10,507	22,46
	Oct. 27	35,395	36,21		Oct. 27	10,530	21,99
	Dec. 66	35,361	36,63		Dec. 66	10,544	21,47
1815	Jan. 0	14 40 38,672	—15 15 51,87	1825	Jan. 0	14 41 13,843	—15 18 37,01
	Apr. 10	38,644	52,33		Apr. 10	13,852	36,46
	Jul. 19	38,626	52,83		Jul. 19	13,851	35,87
	Oct. 27	38,617	53,37		Oct. 27	13,841	35,25
	Dec. 66	38,617	53,96		Dec. 66	13,821	34,59
1816	Jan. 1	14 40 41,916	—15 16 9,14	1826	Jan. 0	14 41 17,130	—15 18 50,17
	Apr. 10	41,923	9,75		Apr. 10	17,104	49,50
	Jul. 19	41,939	10,39		Jul. 19	17,069	48,81
	Oct. 27	41,964	11,05		Oct. 27	17,025	48,10
	Dec. 66	41,998	11,73		Dec. 66	16,972	47,38
1817	Jan. 0	14 40 45,286	—15 16 26,89	1827	Jan. 0	14 41 20,293	—15 19 2,97
	Apr. 10	45,326	27,58		Apr. 10	20,234	2,25
	Jul. 19	45,374	28,28		Jul. 19	20,168	1,53
	Oct. 27	45,429	28,98		Oct. 27	20,095	0,82
	Dec. 66	45,492	29,68		Dec. 66	20,014	0,12
1818	Jan. 0	14 40 48,771	—15 16 44,83	1828	Jan. 1	14 41 23,344	—15 19 15,71
	Apr. 10	48,838	45,53		Apr. 10	23,259	15,02
	Jul. 19	48,911	46,21		Jul. 19	23,169	14,36
	Oct. 27	48,990	46,87		Oct. 27	23,075	13,73
	Dec. 66	49,075	47,52		Dec. 66	22,976	13,13
1819	Jan. 0	14 40 52,347	—15 17 2,69	1829	Jan. 0	14 41 26,312	—15 19 28,68
	Apr. 10	52,435	3,32		Apr. 10	26,211	28,11
	Jul. 19	52,527	3,91		Jul. 19	26,109	27,59
	Oct. 27	52,621	4,47		Oct. 27	26,005	27,12
	Dec. 66	52,718	4,99		Dec. 66	25,900	26,70

Tabulae X. Sect. IV. 2α *Librae.*

	1820		1820		Var. 10 annor.	
	"		"			
Jan. 0	−0,688	+31,7	+ 3,45	−15,3	−3	+1
10	−0,363	+32,9	+ 1,86	−16,2	−3	+1
20	−0,030	+33,2	+ 0,21	−16,7	−3	+2
30	+0,301	+32,7	− 1,47	−16,6	−3	+2
Febr. 9	+0,623	+31,4	− 3,10	−15,8	−3	+2
19	+0,928	+29,4	− 4,64	−14,7	−3	+2
Mart. 1	+1,210	+27,0	− 6,05	−13,3	−2	+2
11	+1,467	+24,4	− 7,29	−11,6	−2	+3
21	+1,697	+21,5	− 8,36	− 9,8	−1	+3
31	+1,897	+18,6	− 9,25	− 8,0	−1	+3
Apr. 10	+2,068	+15,7	− 9,95	− 6,2	0	+2
20	+2,210	+12,8	−10,48	− 4,6	0	+2
30	+2,324	+10,0	−10,86	− 3,1	+1	+2
Maj. 10	+2,410	+ 7,2	−11,10	− 1,8	+1	+2
20	+2,468	+ 4,5	−11,22	− 0,7	+2	+2
30	+2,499	+ 1,7	−11,23	+ 0,3	+2	+2
Jun. 9	+2,502	− 1,0	−11,16	+ 1,2	+3	+2
19	+2,479	− 3,6	−11,00	+ 1,9	+3	+1
29	+2,430	− 6,2	−10,78	+ 2,6	+4	+1
Jul. 9	+2,356	− 8,5	−10,48	+ 3,3	+4	+1
19	+2,261	−10,5	−10,13	+ 3,8	+4	+1
29	+2,146	−12,3	− 9,72	+ 4,4	+4	+1
Aug. 8	+2,016	−13,4	− 9,26	+ 4,8	+4	0
18	+1,878	−14.0	− 8,76	+ 5,1	+4	0
28	+1,737	−13,8	− 8,24	+ 5,2	+4	0
Sept. 7	+1,602	−12,8	− 7,73	+ 5,1	+3	0
17	+1,481	−11,0	− 7,23	+ 4,6	+3	0
27	+1,383	− 8,3	− 6,81	+ 3,8	+3	0
Oct. 7	+1,316	− 4,8	− 6,48	+ 2,6	+2	0
17	+1,287	− 0,6	− 6,29	+ 1,0	+2	+1
27	+1,304	+ 4,2	− 6,28	− 0,9	+1	+1
Nov. 6	+1,371	+ 9,2	− 6,47	− 3,1	+1	+1
16	+1,488	+14,3	− 6,90	− 5,5	0	+2
26	+1,656	+19,2	− 7,57	− 8,0	0	+2
Dec. 6	+1,872	+23,7	− 8,49	−10,4	−1	+3
16	+2,129	+27,4	− 9,64	−12,6	−1	+3
26	+2,419	+30,3	−11,00	−14,4	−1	+4
36	+2,734	+32,3	−12,51	−15,7	−2	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	14 40 23,2259	−15 14 41,149
1811	40 26,5256	14 56,553
1812	40 29,8255	15 11,954
1813	40 33,1255	15 27,352
1814	40 36,4257	15 42,747
1815	40 39,7260	15 58,139
1816	40 43,0265	16 13,527
1817	40 46,3271	16 28,913
1818	40 49,6279	16 44,295
1819	40 52,9289	16 59,674
1820	40 56,2300	17 15,050
1821	40 59,5313	17 30,423
1822	41 2,8327	17 45,793
1823	41 6,1343	18 1,160
1824	41 9,4360	18 16,523
1825	41 12,7380	18 31,882
1826	41 16,0400	18 47,239
1827	41 19,3422	19 2,593
1828	41 22,6446	19 17,944
1829	41 25,9471	19 33,292
1830	41 29,2497	19 48,637

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Coronae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	15 26 38,891	+27 21 44,66	1820	Jan. 1	15 27 4,237	+27 19 27,95
	Apr. 10	38,809	45,23		Apr. 10	4,315	27,54
	Jul. 19	38,728	45,75		Jul. 19	4,390	27,18
	Oct. 27	38,647	46,21		Oct. 27	4,463	26,89
	Dec. 66	38,567	46,62		Dec. 66	4,534	26,65
1811	Jan. 0	15 26 41,129	+27 21 33,98	1821	Jan. 0	15 27 7,047	+27 19 14,24
	Apr. 10	41,050	34,35		Apr. 10	7,116	14,05
	Jul. 19	40,974	34,65		Jul. 19	7,181	13,93
	Oct. 27	40,900	34,88		Oct. 27	7,242	13,87
	Dec. 66	40,830	35,04		Dec. 66	7,299	13,87
1812	Jan. 1	15 26 43,389	+27 21 22,49	1822	Jan. 0	15 27 9,817	+27 19 1,38
	Apr. 10	43,322	22,61		Apr. 10	9,871	1,43
	Jul. 19	43,260	22,65		Jul. 19	9,919	1,55
	Oct. 27	43,203	22,62		Oct. 27	9,961	1,73
	Dec. 66	43,151	22,52		Dec. 66	9,998	1,98
1813	Jan. 0	15 26 45,704	+27 21 10,06	1823	Jan. 0	15 27 12,522	+27 18 49,41
	Apr. 10	45,657	9,91		Apr. 10	12,554	49,71
	Jul. 19	45,616	9,70		Jul. 19	12,580	50,06
	Oct. 27	45,582	9,42		Oct. 27	12,598	50,47
	Dec. 66	45,555	9,07		Dec. 66	12,610	50,93
1814	Jan. 0	15 26 48,099	+27 20 56,69	1824	Jan. 1	15 27 15,143	+27 18 38,30
	Apr. 10	48,077	56,30		Apr. 10	15,150	38,80
	Jul. 19	48,062	55,85		Jul. 19	15,150	39,35
	Oct. 27	48,055	55,35		Oct. 27	15,142	39,94
	Dec. 66	48,055	54,80		Dec. 66	15,127	40,58
1815	Jan. 0	15 26 50,590	+27 20 42,49	1825	Jan. 0	15 27 17,670	+27 18 27,90
	Apr. 10	50,595	41,91		Apr. 10	17,650	28,56
	Jul. 19	50,608	41,28		Jul. 19	17,623	29,25
	Oct. 27	50,627	40,63		Oct. 27	17,589	29,97
	Dec. 66	50,654	39,94		Dec. 66	17,549	30,71
1816	Jan. 1	15 26 53,181	+27 20 27,67	1826	Jan. 0	15 27 20,099	+27 18 17,99
	Apr. 10	53,212	26,96		Apr. 10	20,054	18,74
	Jul. 19	53,249	26,24		Jul. 19	20,004	19,49
	Oct. 27	53,293	25,51		Oct. 27	19,948	20,25
	Dec. 66	53,343	24,76		Dec. 66	19,886	21,01
1817	Jan. 0	15 26 55,862	+27 20 12,52	1827	Jan. 0	15 27 22,443	+27 18 8,29
	Apr. 10	55,915	11,77		Apr. 10	22,378	9,05
	Jul. 19	55,973	11,03		Jul. 19	22,309	9,78
	Oct. 27	56,035	10,30		Oct. 27	22,237	10,49
	Dec. 66	56,102	9,57		Dec. 66	22,160	11,18
1818	Jan. 0	15 26 58,615	+27 19 57,32	1828	Jan. 1	15 27 24,722	+27 17 58,49
	Apr. 10	58,684	56,61		Apr. 10	24,644	59,16
	Jul. 19	58,756	55,93		Jul. 19	24,564	59,79
	Oct. 27	58,830	55,28		Oct. 27	24,484	18 0,37
	Dec. 66	58,907	54,66		Dec. 66	24,402	0,90
1819	Jan. 0	15 27 1,417	+27 19 42,38	1829	Jan. 0	15 27 26,966	+27 17 48,27
	Apr. 10	1,495	41,79		Apr. 10	26,884	48,77
	Jul. 19	1,572	41,24		Jul. 19	26,803	49,20
	Oct. 27	1,650	40,74		Oct. 27	26,724	49,58
	Dec. 66	1,727	40,29		Dec. 66	26,647	49,90

Tabulae X. Sect. IV. *α Coronae.*

	1820		1820		Var. 10 annor.	
Jan. 0	−1,018″	+27,9	− 7,72″	−27,5	−2	+2
10	−0,724	+30,5	−10,36	−24,8	−2	+2
20	−0,408	+32,2	−12,68	−21,4	−2	+2
30	−0,081	+32,9	−14,63	−17,2	−3	+2
Febr. 9	+0,249	+32,7	−16,12	−12,5	−3	+1
19	+0,572	+31,7	−17,12	− 7,4	−3	+1
Mart. 1	+0,882	+29,9	−17,59	− 2,1	−3	+1
11	+1,170	+27,7	−17,54	+ 3,0	−3	0
21	+1,436	+25,1	−17,00	+ 7,8	−2	0
31	+1,672	+22,1	−15,99	+12,1	−2	0
Apr. 10	+1,878	+19,0	−14,59	+15,7	−2	0
20	+2,051	+15,7	−12,86	+18,5	−1	−1
30	+2,191	+12,4	−10,8[illegible]	+20,6	−1	−1
Maj. 10	+2,298	+ 9,0	− 8,75	+21,8	0	−1
20	+2,371	+ 5,7	− 6,54	+22;2	0	−1
30	+2,411	+ 2,3	− 4,32	+21,8	+1	−1
Jun. 9	+2,417	− 1,1	− 2,19	+20,7	+1	−1
19	+2,390	− 4,3	− 0,19	+19,0	+1	0
29	+2,331	− 7,4	+ 1,61	+16,8	+2	0
Jul. 9	+2,242	−10,3	+ 3,17	+14,2	+2	0
19	+2,126	−12,9	+ 4,45	+11,2	+2	0
29	+1,985	−15,1	+ 5,41	+ 8,0	+2	0
Aug. 8	+1,824	−16,9	+ 6,05	+ 4,7	+3	+1
18	+1,648	−18,0	+ 6,34	+ 1,1	+3	+1
28	+1,464	−18,5	+ 6,27	− 2,5	+3	+1
Sept. 7	+1,279	−18,1	+ 5,84	− 6,1	+3	+2
17	+1,102	−16,9	+ 5,05	− 9,8	+2	+2
27	+0,942	−14,8	+ 3,89	−13,3	+2	+3
Oct. 7	+0,807	−11,8	+ 2,39	−16,8	+2	+3
17	+0,706	− 8,1	+ 0,54	−20,0	+2	+3
27	+0,646	− 3,6	− 1,61	−23,0	+1	+4
Nov. 6	+0,635	+ 1,4	− 4,05	−25,6	+1	+4
16	+0,674	+ 6,7	− 6,72	−27,6	0	+4
26	+0,768	+12,0	− 9,57	−29,1	0	+5
Dec. 6	+0,914	+17,1	−12,53	−29,8	0	+5
16	+1,110	+21,8	−15,52	−29,6	−1	+5
26	+1,350	+25,8	−18,45	−28,6	−1	+5
36	+1,626	+29,1	−21,23	−26,6	−2	+5

	A. R. med.	Decl. med.
1810	15ʰ 26′ 38″,7796	+27° 21′ 39″,420
1811	26 41,3157	21 26,909
1812	26 43,8518	21 14,400
1813	26 46,3879	21 1,895
1814	26 48,9240	20 49,392
1815	26 51,4601	20 36,893
1816	26 53,9963	20 24,397
1817	26 56,5325	20 11,903
1818	26 59,0687	19 59,412
1819	27 1,6050	19 46,925
1820	27 4,1413	19 34,440
1821	27 6,6776	19 21,958
1822	27 9,2139	19 9,479
1823	27 11,7502	18 57,003
1824	27 14,2866	18 44,530
1825	27 16,8230	18 32,061
1826	27 19,3594	18 19,594
1827	27 21,8958	18 7,130
1828	27 24,4323	17 54,669
1829	27 26,9688	17 42,211
1830	27 29,5054	17 29,756

Diei reducto addendum est:

ante	Nov. 16	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Serpentis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	15 34 55,315	+ 7 1 58,41	1820	Jan. 1	15 35 24,436	+ 6 59 48,14
	Apr. 10	55,225	58,97		Apr. 10	24,524	47,74
	Jul. 19	55,134	59,48		Jul. 19	24,612	47,40
	Oct. 27	55,042	59,93		Oct. 27	24,699	47,13
	Dec. 66	54,949	2 0,32		Dec. 66	24,785	46,91
1811	Jan. 0	15 34 57,928	+ 7 1 48,37	1821	Jan. 0	15 35 27,705	+ 6 59 35,19
	Apr. 10	57,835	48,72		Apr. 10	27,790	35,02
	Jul. 19	57,744	49,00		Jul. 19	27,871	34,92
	Oct. 27	57,655	49,21		Oct. 27	27,949	34,88
	Dec. 66	57,569	49,35		Dec. 66	28,023	34,91
1812	Jan. 1	15 35 0,546	+ 7 1 37,49	1822	Jan. 0	15 35 30,948	+ 6 59 23,11
	Apr. 10	0,461	37,58		Apr. 10	31,019	23,18
	Jul. 19	0,381	37,60		Jul. 19	31,085	23,32
	Oct. 27	0,306	37,55		Oct. 27	31,146	23,53
	Dec. 66	0,236	37,42		Dec. 66	31,201	23,80
1813	Jan. 0	15 35 3,207	+ 7 1 25,66	1823	Jan. 0	15 35 34,132	+ 6 59 11,92
	Apr. 10	3,141	25,48		Apr. 10	34,183	12,24
	Jul. 19	3,081	25,24		Jul. 19	34,226	12,61
	Oct. 27	3,029	24,93		Oct. 27	34,262	13,05
	Dec. 66	2,983	24,56		Dec. 66	34,291	13,54
1814	Jan. 0	15 35 5,946	+ 7 1 12,88	1824	Jan. 1	15 35 37,231	+ 6 59 1,59
	Apr. 10	5,905	12,47		Apr. 10	37,255	2,12
	Jul. 19	5,873	12,00		Jul. 19	37,270	2,69
	Oct. 27	5,849	11,48		Oct. 27	37,279	3,30
	Dec. 66	5,833	10,90		Dec. 66	37,277	3,96
1815	Jan. 0	15 35 8,786	+ 7 0 59,28	1825	Jan. 0	15 35 40,227	+ 6 58 51,96
	Apr. 10	8,775	58,68		Apr. 10	40,221	52,64
	Jul. 19	8,773	58,04		Jul. 19	40,206	53,35
	Oct. 27	8,779	57,37		Oct. 27	40,183	54,08
	Dec. 66	8,794	56,66		Dec. 66	40,152	54,83
1816	Jan. 1	15 35 11,737	+ 7 0 45,09	1826	Jan. 0	15 35 43,113	+ 6 58 42,80
	Apr. 10	11,757	44,37		Apr. 10	43,076	43,57
	Jul. 19	11,784	43,63		Jul. 19	43,032	44,33
	Oct. 27	11,820	42,89		Oct. 27	42,981	45,09
	Dec. 66	11,863	42,13		Dec. 66	42,922	45,85
1817	Jan. 0	15 35 14,796	+ 7 0 30,58	1827	Jan. 0	15 35 45,892	+ 6 58 33,83
	Apr. 10	14,844	29,82		Apr. 10	45,829	34,59
	Jul. 19	14,898	29,08		Jul. 19	45,760	35,32
	Oct. 27	14,957	28,34		Oct. 27	45,686	36,03
	Dec. 66	15,023	27,62		Dec. 66	45,606	36,71
1818	Jan. 0	15 35 17,949	+ 7 0 16,05	1828	Jan. 1	15 35 48,582	+ 6 58 24,72
	Apr. 10	18,019	15,35		Apr. 10	48,500	25,38
	Jul. 19	18,093	14,68		Jul. 19	48,414	26,00
	Oct. 27	18,170	14,03		Oct. 27	48,326	26,57
	Dec. 66	18,252	13,42		Dec. 66	48,234	27,09
1819	Jan. 0	15 35 21,173	+ 7 0 1,83	1829	Jan. 0	15 35 51,215	+ 6 58 15,16
	Apr. 10	21,257	1,24		Apr. 10	51,122	15,65
	Jul. 19	21,342	0,71		Jul. 19	51,030	16,07
	Oct. 27	21,428	0,22		Oct. 27	50,938	16,43
	Dec. 66	21,516	6 59 59,79		Dec. 66	50,846	16,72

Tabulae X. Sect. IV. *α Serpentis.*

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	−0,933	+26,8	− 2,78	−21,5	−2	+1
10	−0,652	+29,0	− 4,90	−20,5	−2	+2
20	−0,353	+30,4	− 6,88	−18,9	−3	+2
30	−0,044	+31,0	− 8,67	−16,6	−3	+2
Febr. 9	+0,266	+30,7	−10,19	−13,6	−3	+2
19	+0,570	+29,8	−11,39	−10,3	−3	+2
Mart. 1	+0,861	+28,3	−12,25	− 6,7	−3	+1
11	+1,135	+26,4	−12,73	− 3,1	−2	+1
21	+1,389	+24,2	−12,86	+ 0,5	−2	+1
31	+1,619	+21,8	−12,64	+ 3,8	−2	+1
Apr. 10	+1,824	+19,2	−12,11	+ 6,7	−1	+1
20	+2,003	+16,6	−11,31	+ 9,1	−1	+1
30	+2,156	+13,9	−10,30	+10,9	0	+1
Maj. 10	+2,280	+11,1	− 9,13	+12,2	0	+1
20	+2,377	+ 8,2	− 7,86	+12,9	+1	+1
30	+2,443	+ 5,2	− 6,55	+13,2	+1	+1
Jun. 9	+2,481	+ 2,3	− 5,23	+13,0	+1	+1
19	+2,489	− 0,8	− 3,96	+12,3	+2	+1
29	+2,466	− 3,7	− 2,78	+11,3	+2	+1
Jul. 9	+2,415	− 6,6	− 1,71	+10,0	+2	+1
19	+2,335	− 9,2	− 0,78	+ 8,5	+3	+1
29	+2,231	−11,5	− 0,01	+ 6,9	+3	+1
Aug. 8	+2,105	−13,5	+ 0,59	+ 5,1	+3	+1
18	+1,962	−14,8	+ 1,01	+ 3,2	+3	+1
28	+1,810	−15,4	+ 1,23	+ 1,2	+3	+1
Sept. 7	+1,654	−15,3	+ 1,24	− 1,0	+3	+2
17	+1,504	−14,3	+ 1,04	− 3,2	+3	+2
27	+1,368	−12,5	+ 0,61	− 5,5	+3	+2
Oct. 7	+1,254	− 9,8	− 0,05	− 7,8	+2	+2
17	+1,172	− 6,3	− 0,95	−10,3	+2	+3
27	+1,128	− 2,1	− 2,10	−12,8	+1	+3
Nov. 6	+1,130	+ 2,6	− 3,50	−15,1	+1	+3
16	+1,179	+ 7,5	− 5,12	−17,2	+1	+4
26	+1,279	+12,4	− 6,94	−19,1	0	+4
Dec. 6	+1,427	+17,1	− 8,93	−20,6	0	+4
16	+1,620	+21,3	−11,05	−21,5	−1	+5
26	+1,853	+24,9	−13,22	−21,7	−1	+5
36	+2,118	+27,8	−15,38	−21,3	−2	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	15 34 55,0150	+ 7 1 52,920
1811	34 57,9632	1 41,096
1812	35 0,9115	1 29,276
1813	35 3,8599	1 17,459
1814	35 6,8083	1 5,646
1815	35 9,7568	0 53,836
1816	35 12,7053	0 42,030
1817	35 15,6539	0 30,227
1818	35 18,6026	0 18,428
1819	35 21,5513	0 6,632
1820	35 24,5001	6 59 54,840
1821	35 27,4489	59 43,051
1822	35 30,3978	59 31,266
1823	35 33,3468	59 19,484
1824	35 36,2958	59 7,706
1825	35 39,2450	58 55,930
1826	35 42,1942	58 44,159
1827	35 45,1434	58 32,391
1828	35 48,0927	58 20,627
1829	35 51,0421	58 8,866
1830	35 53,9914	57 57,108

Diei reducto addendum est:

ante } Nov. 18 { + 1
post } Nov. 18 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Scorpii.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	16 17 47,154	—25 59 49,59	1820	Jan. 1	16 18 22,954	— 26 1 30,67
	Apr. 10	47,047	49,10		Apr. 10	23,063	30,97
	Jul. 19	46,937	48,68		Jul. 19	23,173	31,21
	Oct. 27	46,824	48,32		Oct. 27	23,283	31,38
	Dec. 66	46,709	48,03		Dec. 66	23,394	31,49
1811	Jan. 0	16 17 50,408	—25 59 56,81	1821	Jan. 0	16 18 27,018	— 26 1 40,11
	Apr. 10	50,291	56,57		Apr. 10	27,127	40,18
	Jul. 19	50,176	56,40		Jul. 19	27,234	40,15
	Oct. 27	50,062	56,30		Oct. 27	27,338	40,06
	Dec. 66	49,948	56,28		Dec. 66	27,439	39,91
1812	Jan. 1	16 17 53,645	—26 0 4,97	1822	Jan. 0	16 18 31,067	— 26 1 48,61
	Apr. 10	53,534	5,00		Apr. 10	31,165	48,41
	Jul. 19	53,427	5,11		Jul. 19	31,257	48,14
	Oct. 27	53,324	5,29		Oct. 27	31,344	47,81
	Dec. 66	53,226	5,55		Dec. 66	31,425	47,41
1813	Jan. 0	16 17 56,918	—26 0 14,14	1823	Jan. 0	16 18 35,060	— 26 1 56,19
	Apr. 10	56,824	14,44		Apr. 10	35,136	55,75
	Jul. 19	56,738	14,81		Jul. 19	35,204	55,26
	Oct. 27	56,659	15,24		Oct. 27	35,264	54,71
	Dec. 66	56,588	15,74		Dec. 66	35,316	54,11
1814	Jan. 0	16 18 0,271	—26 0 24,25	1824	Jan. 1	16 18 38,960	— 26 2 2,95
	Apr. 10	0,206	24,78		Apr. 10	39,005	2,32
	Jul. 19	0,150	25,36		Jul. 19	39,041	1,65
	Oct. 27	0,104	25,99		Oct. 27	39,066	0,94
	Dec. 66	0,068	26,67		Dec. 66	39,082	0,20
1815	Jan. 0	16 18 3,739	—26 0 35,11	1825	Jan. 0	16 18 42,739	— 26 2 9,08
	Apr. 10	3,710	35,81		Apr. 10	42,748	8,32
	Jul. 19	3,691	36,54		Jul. 19	42,746	7,55
	Oct. 27	3,682	37,29		Oct. 27	42,733	6,77
	Dec. 66	3,683	38,06		Dec. 66	42,710	5,97
1816	Jan. 1	16 18 7,342	—26 0 46,47	1826	Jan. 0	16 18 46,381	— 26 2 14,86
	Apr. 10	7,350	47,25		Apr. 10	46,351	14,06
	Jul. 19	7,369	48,04		Jul. 19	46,311	13,27
	Oct. 27	7,397	48,83		Oct. 27	46,261	12,49
	Dec. 66	7,436	49,61		Dec. 66	46,201	11,72
1817	Jan. 0	16 18 11,083	—26 0 58,01	1827	Jan. 0	16 18 49,884	— 26 2 20,59
	Apr. 10	11,128	58,79		Apr. 10	49,818	19,84
	Jul. 19	11,181	59,55		Jul. 19	49,744	19,12
	Oct. 27	11,243	1 0,28		Oct. 27	49,662	18,44
	Dec. 66	11,313	0,99		Dec. 66	49,573	17,80
1818	Jan. 0	16 18 14,949	—26 1 9,42	1828	Jan. 1	16 18 53,266	— 26 2 26,62
	Apr. 10	15,025	10,11		Apr. 10	53,171	26,01
	Jul. 19	15,107	10,75		Jul. 19	53,071	25,46
	Oct. 27	15,195	11,35		Oct. 27	52,967	24,96
	Dec. 66	15,289	11,90		Dec. 66	52,857	24,52
1819	Jan. 0	16 18 18,917	—26 1 20,38	1829	Jan. 0	16 18 56,556	— 26 2 33,27
	Apr. 10	19,015	20,90		Apr. 10	56,444	32,87
	Jul. 19	19,116	21,37		Jul. 19	56,331	32,54
	Oct. 27	19,221	21,78		Oct. 27	56,215	32,29
	Dec. 66	19,329	22,13		Dec. 66	56,099	32,10

Tabulae X. Sect. IV. *a Scorpii.*

	1820		1820		Var. 10 annor.	
Jan. 0	−1″,196	+27,6	+ 4″,19	− 4,7	−3	−1
10	−0,904	+30,5	+ 3,64	− 6,3	−3	−1
20	−0,587	+32,5	+ 2,94	− 7,6	−3	0
30	−0,255	+33,6	+ 2,13	− 8,5	−4	0
Febr. 9	+0,085	+34,0	+ 1,25	− 9,0	−4	+1
19	+0,425	+33,7	+ 0,33	− 9,2	−4	+1
Mart. 1	+0,759	+32,9	− 0,59	− 9,1	−3	+2
11	+1,082	+31,6	− 1,48	− 8,7	−3	+2
21	+1,391	+30,0	− 2,32	− 8,1	−3	+3
31	+1,681	+28,0	− 3,10	− 7,5	−2	+3
Apr. 10	+1,951	+25,9	− 3,81	− 6,8	−2	+3
20	+2,199	+23,6	− 4,46	− 6,2	−1	+4
30	+2,422	+20,9	− 5,04	− 5,6	−1	+4
Maj. 10	+2,617	+18,1	− 5,57	− 5,1	0	+4
20	+2,783	+15,0	− 6,06	− 4,7	+1	+4
30	+2,917	+11,7	− 6,50	− 4,3	+1	+4
Jun. 9	+3,017	+ 8,2	− 6,91	− 3,9	+2	+4
19	+3,080	+ 4,4	− 7,27	− 3,4	+2	+4
29	+3,105	+ 0,6	− 7,59	− 3,0	+3	+4
Jul. 9	+3,092	− 3,2	− 7,86	− 2,4	+4	+4
19	+3,041	− 6,9	− 8,06	− 1,6	+4	+4
29	+2,955	−10,3	− 8,17	− 0,7	+4	+3
Aug. 8	+2,836	−13,2	− 8,20	+ 0,3	+4	+3
18	+2,691	−15,5	− 8,12	+ 1,4	+5	+3
28	+2,526	−17,0	− 7,93	+ 2,5	+5	+2
Sept. 7	+2,351	−17,6	− 7,63	+ 3,5	+5	+2
17	+2,174	−17,2	− 7,24	+ 4,4	+4	+2
27	+2,008	−15,7	− 6,76	+ 5,1	+4	+2
Oct. 7	+1,861	−13,1	− 6,22	+ 5,5	+4	+1
17	+1,746	− 9,6	− 5,66	+ 5,6	+3	+1
27	+1,670	− 5,2	− 5,11	+ 5,3	+3	+1
Nov. 6	+1,642	− 0,2	− 4,61	+ 4,5	+2	+1
16	+1,666	+ 5,2	− 4,21	+ 3,3	+2	+2
26	+1,746	+10,7	− 3,95	+ 1,8	+1	+2
Dec. 6	+1,880	+16,1	− 3,85	+ 0,1	0	+2
16	+2,067	+21,0	− 3,93	− 1,8	0	+3
26	+2,299	+25,2	− 4,20	− 3,6	−1	+3
36	+2,571	+28,8	− 4,64	− 5,3	−1	+4

	A. R. med.	Decl. med.
1810	16h 17′ 46″,6100	−25° 59′ 56″,269
1811	17 50,2694	−26 0 4,964
1812	17 53,9289	0 13,654
1813	17 57,5886	0 22,339
1814	18 1,2484	0 31,020
1815	18 4,9084	0 39,695
1816	18 8,5686	0 48,366
1817	18 12,2289	0 57,032
1818	18 15,8894	1 5,693
1819	18 19,5500	1 14,349
1820	18 23,2108	1 23,000
1821	18 26,8717	1 31,646
1822	18 30,5328	1 40,288
1823	18 34,1941	1 48,925
1824	18 37,8555	1 57,557
1825	18 41,5170	2 6,184
1826	18 45,1787	2 14,806
1827	18 48,8406	2 23,423
1828	18 52,5026	2 32,036
1829	18 56,1648	2 40,644
1830	18 59,8272	2 49,247

Diei reducto addendum est:

ante } Nov. 28 { + 1
post } Nov. 28 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Herculis.*

1810	Jan. 0	17h 5′ 59″,613	+14° 37′ 4″,51	1820	Jan. 1	17h 6′ 26″,569	+14° 36′ 2″,02
	Apr. 10	59,530	4,90		Apr. 10	26,651	1,83
	Jul. 19	59,446	5,22		Jul. 19	26,733	1,72
	Oct. 27	59,360	5,46		Oct. 27	26,814	1,67
	Dec. 66	59,273	5,63		Dec. 66	26,894	1,69
1811	Jan. 0	17 6 2,032	+14 37 0,93	1821	Jan. 0	17 6 29,598	+14 35 57,07
	Apr. 10	1,946	1,04		Apr. 10	29,677	57,14
	Jul. 19	1,862	1,08		Jul. 19	29,753	57,29
	Oct. 27	1,779	1,04		Oct. 27	29,826	57,50
	Dec. 66	1,698	0,93		Dec. 66	29,895	57,79
1812	Jan. 1	17 6 4,455	+14 36 56,33	1822	Jan. 0	17 6 32,602	+14 35 53,07
	Apr. 10	4,376	56,16		Apr. 10	32,669	53,40
	Jul. 19	4,301	55,91		Jul. 19	32,731	53,80
	Oct. 27	4,231	55,60		Oct. 27	32,788	54,25
	Dec. 66	4,166	55,21		Dec. 66	32,839	54,77
1813	Jan. 0	17 6 6,917	+14 36 50,70	1823	Jan. 0	17 6 35,553	+14 35 49,99
	Apr. 10	6,855	50,27		Apr. 10	35,600	50,55
	Jul. 19	6,800	49,78		Jul. 19	35,641	51,15
	Oct. 27	6,751	49,22		Oct. 27	35,675	51,80
	Dec. 66	6,708	48,61		Dec. 66	35,702	52,50
1814	Jan. 0	17 6 9,452	+14 36 44,18	1824	Jan. 1	17 6 38,424	+14 35 47,66
	Apr. 10	9,414	43,53		Apr. 10	38,446	48,38
	Jul. 19	9,383	42,85		Jul. 19	38,461	49,13
	Oct. 27	9,360	42,13		Oct. 27	38,468	49,91
	Dec. 66	9,345	41,37		Dec. 66	38,468	50,71
1815	Jan. 0	17 6 12,079	+14 36 37,00	1825	Jan. 0	17 6 41,200	+14 35 45,85
	Apr. 10	12,069	36,22		Apr. 10	41,194	46,66
	Jul. 19	12,067	35,43		Jul. 19	41,181	47,47
	Oct. 27	12,073	34,63		Oct. 27	41,160	48,29
	Dec. 66	12,086	33,81		Dec. 66	41,131	49,11
1816	Jan. 1	17 6 14,811	+14 36 29,45	1826	Jan. 0	17 6 43,872	+14 35 44,24
	Apr. 10	14,829	28,63		Apr. 10	43,838	45,05
	Jul. 19	14,854	27,82		Jul. 19	43,798	45,84
	Oct. 27	14,887	27,03		Oct. 27	43,750	46,60
	Dec. 66	14,927	26,24		Dec. 66	43,696	47,34
1817	Jan. 0	17 6 17,643	+14 36 21,87	1827	Jan. 0	17 6 46,446	+14 35 42,51
	Apr. 10	17,687	21,10		Apr. 10	46,388	43,22
	Jul. 19	17,736	20,37		Jul. 19	46,324	43,89
	Oct. 27	17,792	19,67		Oct. 27	46,255	44,51
	Dec. 66	17,853	19,01		Dec. 66	46,181	45,08
1818	Jan. 0	17 6 20,562	+14 36 14,60	1828	Jan. 1	17 6 48,937	+14 35 40,31
	Apr. 10	20,627	13,97		Apr. 10	48,860	40,84
	Jul. 19	20,695	13,39		Jul. 19	48,781	41,31
	Oct. 27	20,767	12,86		Oct. 27	48,699	41,71
	Dec. 66	20,842	12,38		Dec. 66	48,614	42,05
1819	Jan. 0	17 6 23,547	+14 36 7,91	1829	Jan. 0	17 6 51,373	+14 35 37,36
	Apr. 10	23,625	7,48		Apr. 10	51,287	37,63
	Jul. 19	23,704	7,11		Jul. 19	51,202	37,85
	Oct. 27	23,784	6,81		Oct. 27	51,116	37,97
	Dec. 66	23,866	6,57		Dec. 66	51,031	38,04

Tabulae X. Sect. IV. *α Herculis.*

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	−1,264	+19,2	− 2,81	−23,5	−1	+1
10	−1,054	+22,6	− 5,13	−22,6	−1	+1
20	−0,812	+25,4	− 7,33	−21,0	−2	+1
30	−0,547	+27,4	− 9,32	−18,5	−2	+1
Febr. 9	−0,265	+28,7	−11,02	−15,3	−2	+1
19	+0,027	+29,4	−12,37	−11,5	−3	+1
Mart. 1	+0,322	+29,5	−13,32	− 7,4	−3	+1
11	+0,617	+29,1	−13,84	− 3,0	−3	+1
21	+0,904	+28,3	−13,92	+ 1,4	−2	+1
31	+1,182	+27,1	−13,56	+ 5,6	−2	+1
Apr. 10	+1,445	+25,5	−12,81	+ 9,4	−2	+1
20	+1,691	+23,6	−11,69	+12,7	−2	+1
30	+1,916	+21,4	−10,27	+15,4	−1	+1
Maj. 10	+2,118	+18,9	− 8,61	+17,5	−1	+1
20	+2,293	+16,0	− 6,77	+18,9	−1	+1
30	+2,437	+12,9	− 4,84	+19,5	0	+1
Jun. 9	+2,550	+ 9,5	− 2,87	+19,6	0	+1
19	+2,627	+ 5,9	− 0,93	+19,0	+1	+1
29	+2,668	+ 2,2	+ 0,93	+18,0	+1	+1
Jul. 9	+2,671	− 1,6	+ 2,66	+16,5	+1	+1
19	+2,637	− 5,3	+ 4,22	+14,6	+2	+1
29	+2,566	− 8,8	+ 5,57	+12,4	+2	+1
Aug. 8	+2,461	−12,0	+ 6,70	+10,0	+2	+1
18	+2,327	−14,6	+ 7,57	+ 7,5	+2	+2
28	+2,169	−16,6	+ 8,19	+ 4,8	+3	+2
Sept. 7	+1,995	−17,9	+ 8,52	+ 1,9	+3	+2
17	+1,811	−18,3	+ 8,57	− 1,0	+3	+2
27	+1,629	−17,7	+ 8,33	− 3,9	+3	+2
Oct. 7	+1,457	−16,2	+ 7,79	− 6,9	+3	+3
17	+1,305	−13,8	+ 6,96	− 9,8	+2	+3
27	+1,182	−10,5	+ 5,83	−12,7	+2	+3
Nov. 6	+1,095	− 6,6	+ 4,42	−15,5	+2	+4
16	+1,051	− 2,0	+ 2,73	−18,1	+1	+4
26	+1,055	+ 2,8	+ 0,81	−20,2	+1	+4
Dec. 6	+1,107	+ 7,7	− 1,31	−22,0	+1	+4
16	+1,208	+12,4	− 3,58	−23,1	0	+4
26	+1,354	+16,7	− 5,93	−23,6	0	+5
36	+1,541	+20,6	− 8,29	−23,3	−1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	17 5 59,3309	+14 36 56,778
1811	6 2,0610	36 52,128
1812	6 4,7911	36 47,482
1813	6 7,5213	36 42,840
1814	6 10,2515	36 38,201
1815	6 12,9817	36 33,566
1816	6 15,7120	36 28,935
1817	6 18,4423	36 24,308
1818	6 21,1726	36 19,685
1819	6 23,9030	36 15,065
1820	6 26,6334	36 10,450
1821	6 29,3639	36 5,839
1822	6 32,0944	36 1,231
1823	6 34,8249	35 56,627
1824	6 37,5554	35 52,027
1825	6 40,2860	35 47,431
1826	6 43,0166	35 42,839
1827	6 45,7473	35 38,251
1828	6 48,4780	35 33,667
1829	6 51,2088	35 29,086
1830	6 53,9396	35 24,509

Diei reducto addendum est:

ante } Dec. 9 { + 1
post } Dec. 9 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Ophiuchi.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	17 26 7,468	+12 42 35,18	1820	Jan. 1	17 26 34,851	+12 41 47,03
	Apr. 10	7,384	35,52		Apr. 10	34,935	46,89
	Jul. 19	7,299	35,79		Jul. 19	35,018	46,82
	Oct. 27	7,212	35,98		Oct. 27	35,100	46,82
	Dec. 66	7,124	36,09		Dec. 66	35,181	46,90
1811	Jan. 0	17 26 9,930	+12 42 32,90	1821	Jan. 0	17 26 37,931	+12 41 43,75
	Apr. 10	9,843	32,96		Apr. 10	38,012	43,87
	Jul. 19	9,757	32,94		Jul. 19	38,089	44,07
	Oct. 27	9,673	32,84		Oct. 27	38,163	44,34
	Dec. 66	9,590	32,67		Dec. 66	38,234	44,68
1812	Jan. 1	17 26 12,393	+12 42 29,58	1822	Jan. 0	17 26 40,988	+12 41 41,44
	Apr. 10	12,313	29,35		Apr. 10	41,007	41,82
	Jul. 19	12,237	29,06		Jul. 19	41,020	42,27
	Oct. 27	12,165	28,69		Oct. 27	41,129	42,77
	Dec. 66	12,097	28,25		Dec. 66	41,232	43,33
1813	Jan. 0	17 26 14,896	+12 42 25,25	1823	Jan. 0	17 26 43,992	+12 41 40,02
	Apr. 10	14,832	24,76		Apr. 10	44,041	40,62
	Jul. 19	14,774	24,22		Jul. 19	44,084	41,26
	Oct. 27	14,723	23,62		Oct. 27	44,120	41,95
	Dec. 66	14,679	22,97		Dec. 66	44,149	42,68
1814	Jan. 0	17 26 17,470	+12 42 20,05	1824	Jan. 1	17 26 46,917	+12 41 39,32
	Apr. 10	17,430	19,37		Apr. 10	46,941	40,07
	Jul. 19	17,397	18,65		Jul. 19	46,958	40,85
	Oct. 27	17,372	17,90		Oct. 27	46,967	41,64
	Dec. 66	17,355	17,11		Dec. 66	46,968	42,46
1815	Jan. 0	17 26 20,137	+12 42 14,23	1825	Jan. 0	17 26 49,745	+12 41 39,08
	Apr. 10	20,125	13,43		Apr. 10	49,741	39,91
	Jul. 19	20,121	12,62		Jul. 19	49,729	40,73
	Oct. 27	20,125	11,81		Oct. 27	49,709	41,55
	Dec. 66	20,137	10,98		Dec. 66	49,682	42,36
1816	Jan. 1	17 26 22,909	+12 42 8,11	1826	Jan. 0	17 26 52,469	+12 41 38,99
	Apr. 10	22,926	7,29		Apr. 10	52,436	39,80
	Jul. 19	22,958	6,48		Jul. 19	52,396	40,57
	Oct. 27	22,981	5,69		Oct. 27	52,350	41,32
	Dec. 66	23,020	4,92		Dec. 66	52,296	42,03
1817	Jan. 0	17 26 25,783	+12 42 2,04	1827	Jan. 0	17 26 55,092	+12 41 38,70
	Apr. 10	25,827	1,28		Apr. 10	55,034	39,39
	Jul. 19	25,876	0,57		Jul. 19	54,970	40,02
	Oct. 27	25,931	41 59,89		Oct. 27	54,901	40,61
	Dec. 66	25,992	59,25		Dec. 66	54,827	41,14
1818	Jan. 0	17 26 28,748	+12 41 56,33	1828	Jan. 1	17 26 57,630	+12 41 37,87
	Apr. 10	28,812	55,72		Apr. 10	57,553	38,36
	Jul. 19	28,880	55,17		Jul. 19	57,473	38,79
	Oct. 27	28,952	54,68		Oct. 27	57,390	39,14
	Dec. 66	29,029	54,25		Dec. 66	57,303	39,43
1819	Jan. 0	17 26 31,779	+12 41 51,26	1829	Jan. 0	17 27 0,110	+12 41 36,25
	Apr. 10	31,858	50,87		Apr. 10	0,024	36,48
	Jul. 19	31,938	50,54		Jul. 19	26 59,937	36,64
	Oct. 27	32,019	50,29		Oct. 27	59,850	36,72
	Dec. 66	32,102	50,10		Dec. 66	59,763	36,72

Tabulae X. Sect. IV. *α Ophiuchi.*

	1820		1820		Var. 10 annor.	
Jan. 0	″ −1,293	+17,4	″ − 2,18	−22,4	−1	+1
10	−1,100	+20,9	− 4,40	−21,7	−1	+1
20	−0,875	+23,8	− 6,52	−20,3	−2	+1
30	−0,624	+26,1	− 8,45	−18,1	−2	+1
Febr. 9	−0,353	+27,7	−10,13	−15,2	−2	+1
19	−0,070	+28,7	−11,48	−11,6	−2	+1
Mart. 1	+0,221	+29,2	−12,45	− 7,5	−3	+1
11	+0,513	+29,1	−13,02	− 3,6	−3	+1
21	+0,802	+28,6	−13,16	+ 0,7	−2	+1
31	+1,084	+27,7	−12,88	+ 4,8	−2	+1
Apr. 10	+1,356	+26,5	−12,20	+ 8,6	−2	+1
20	+1,613	+24,8	−11,16	+11,9	−2	+1
30	+1,852	+22,9	− 9,82	+14,7	−2	+1
Maj. 10	+2,070	+20,5	− 8,23	+16,8	−1	+1
20	+2,262	+17,9	− 6,47	+18,2	−1	+1
30	+2,427	+14,9	− 4,59	+19,1	0	+1
Jun. 9	+2,559	+11,5	− 2,66	+19,2	0	+1
19	+2,657	+ 8,0	− 0,75	+18,8	0	+1
29	+2,718	+ 4,2	+ 1,09	+17,9	+1	+1
Jul. 9	+2,740	+ 0,3	+ 2,82	+16,5	+1	+1
19	+2,723	− 3,6	+ 4,39	+14,8	+2	+1
29	+2,668	− 7,3	+ 5,77	+12,7	+2	+2
Aug. 8	+2,578	−10,7	+ 6,93	+10,5	+2	+2
18	+2,455	−13,6	+ 7,86	+ 8,1	+2	+2
28	+2,306	−15,9	+ 8,55	+ 5,5	+3	+2
Sept. 7	+2,137	−17,5	+ 8,96	+ 2,8	+3	+2
17	+1,956	−18,2	+ 9,11	+ 0,2	+3	+3
27	+1,773	−18,0	+ 8,99	− 2,7	+3	+3
Oct. 7	+1,597	−16,8	+ 8,58	− 5,6	+3	+3
17	+1,438	−14,6	+ 7,88	− 8,4	+2	+3
27	+1,305	−11,6	+ 6,91	−11,2	+2	+4
Nov. 6	+1,207	− 7,7	+ 5,65	−14,0	+2	+4
16	+1,149	− 3,5	+ 4,12	−16,4	+2	+4
26	+1,136	+ 1,1	+ 2,38	−18,5	+1	+4
Dec. 6	+1,171	+ 5,9	+ 0,42	−20,4	+1	+5
16	+1,254	+10,6	− 1,69	−21,7	0	+5
26	+1,382	+14,9	− 3,91	−22,3	0	+5
36	+1,552	+18,8	− 6,15	−22,2	−1	+5

	A. R. med.	Decl. med.
1810	h ′ ″ 17 26 7,1654	° ′ ″ +12 42 27,104
1811	26 9,9420	42 23,942
1812	26 12,7186	42 20,783
1813	26 15,4953	42 17,629
1814	26 18,2721	42 14,478
1815	26 21,0488	42 11,332
1816	26 23,8256	42 8,190
1817	26 26,6024	42 5,051
1818	26 29,3792	42 1,917
1819	26 32,1560	41 58,786
1820	26 34,9329	41 55,660
1821	26 37,7098	41 52,538
1822	26 40,4868	41 49,419
1823	26 43,2638	41 46,305
1824	26 46,0409	41 43,194
1825	26 48,8180	41 40,088
1826	26 51,5951	41 36,985
1827	26 54,3723	41 33,887
1828	26 57,1495	41 30,792
1829	26 59,9267	41 27,702
1830	27 2,7039	41 24,615

Diei reducto addendum est:

ante } Dec. 13 { + 1
post } Dec. 13 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Lyrae.*

1810	Jan. 0	18h 30′ 30″,678	+38° 36′ 57″,04	1820	Jan. 1	18h 30′ 50″,545	+38° 37′ 8″,92
	Apr. 10	30,619	57,21		Apr. 10	50,605	8,95
	Jul. 19	30,558	57,31		Jul. 19	50,666	9,05
	Oct. 27	30,496	57,32		Oct. 27	50,726	9,22
	Dec. 66	30,432	57,26		Dec. 66	50,787	9,46
1811	Jan. 0	18 30 32,483	+38 37 0,22	1821	Jan. 0	18 30 52,797	+38 37 12,34
	Apr. 10	32,420	0,11		Apr. 10	52,857	12,63
	Jul. 19	32,356	36 59,92		Jul. 19	52,916	12,98
	Oct. 27	32,293	59,65		Oct. 27	52,973	13,40
	Dec. 66	32,231	59,30		Dec. 66	53,028	13,89
1812	Jan. 1	18 30 34,281	+38 37 2,36	1822	Jan. 0	18 30 55,040	+38 37 16,68
	Apr. 10	34,220	1,97		Apr. 10	55,094	17,21
	Jul. 19	34,162	1,52		Jul. 19	55,144	17,78
	Oct. 27	34,105	1,01		Oct. 27	55,192	18,40
	Dec. 66	34,051	0,42		Dec. 66	55,236	19,08
1813	Jan. 0	18 30 36,098	+38 37 3,56	1823	Jan. 0	18 30 57,251	+38 37 21,82
	Apr. 10	36,047	2,95		Apr. 10	57,293	22,52
	Jul. 19	36,000	2,29		Jul. 19	57,330	23,25
	Oct. 27	35,957	1,58		Oct. 27	57,362	24,01
	Dec. 66	35,919	0,83		Dec. 66	57,390	24,81
1814	Jan. 0	18 30 37,961	+38 37 4,03	1824	Jan. 1	18 30 59,412	+38 37 27,51
	Apr. 10	37,925	3,26		Apr. 10	59,436	28,32
	Jul. 19	37,895	2,48		Jul. 19	59,455	29,13
	Oct. 27	37,870	1,67		Oct. 27	59,469	29,95
	Dec. 66	37,851	0,85		Dec. 66	59,477	30,77
1815	Jan. 0	18 30 39,887	+38 37 4,07	1825	Jan. 0	18 31 1,505	+38 37 33,47
	Apr. 10	39,871	3,24		Apr. 10	1,509	34,29
	Jul. 19	39,861	2,42		Jul. 19	1,507	35,10
	Oct. 27	39,857	1,61		Oct. 27	1,500	35,88
	Dec. 66	39,858	0,80		Dec. 66	1,487	36,65
1816	Jan. 1	18 30 41,887	+38 37 4,02	1826	Jan. 0	18 31 3,522	+38 37 39,37
	Apr. 10	41,892	3,22		Apr. 10	3,505	40,11
	Jul. 19	41,903	2,46		Jul. 19	3,482	40,81
	Oct. 27	41,919	1,73		Oct. 27	3,454	41,47
	Dec. 66	41,941	1,03		Dec. 66	3,421	42,08
1817	Jan. 0	18 30 43,963	+38 37 4,21	1827	Jan. 0	18 31 5,463	+38 37 44,86
	Apr. 10	43,988	3,54		Apr. 10	5,426	45,44
	Jul. 19	44,018	2,92		Jul. 19	5,385	45,95
	Oct. 27	44,053	2,35		Oct. 27	5,340	46,40
	Dec. 66	44,092	1,83		Dec. 66	5,290	46,79
1818	Jan. 0	18 30 46,108	+38 37 4,95	1828	Jan. 1	18 31 7,337	+38 37 49,65
	Apr. 10	46,150	4,47		Apr. 10	7,285	49,99
	Jul. 19	46,196	4,06		Jul. 19	7,230	50,25
	Oct. 27	46,244	3,71		Oct. 27	7,172	50,44
	Dec. 66	46,296	3,48		Dec. 66	7,111	50,55
1819	Jan. 0	18 30 48,308	+38 37 6,47	1829	Jan. 0	18 31 9,162	+38 37 53,51
	Apr. 10	48,362	6,23		Apr. 10	9,100	53,57
	Jul. 19	48,418	6,07		Jul. 19	9,037	53,55
	Oct. 27	48,475	5,98		Oct. 27	8,974	53,45
	Dec. 66	48,534	5,96		Dec. 66	8,911	53,28

Tabulae X. Sect. IV. *α Lyrae.*

	1820		1820		Var. 10 annor.	
Jan. 0	−1″,701	+ 8,8	− 0″,85	−31,2	0	+2
10	−1,588	+13,8	− 3,98	−30,8	−1	+2
20	−1,426	+18,4	− 7,01	−29,4	−1	+2
30	−1,221	+22,4	− 9,85	−26,9	−1	+2
Febr. 9	−0,979	+25,8	−12,38	−23,3	−2	+2
19	−0 705	+28,7	−14,50	−18,8	−2	+2
Mart. 1	−0,406	+30,9	−16,14	−13,7	−2	+1
11	−0,088	+32,4	−17,23	− 8,0	−2	+1
21	+0,241	+33,2	−17,74	− 2,1	−2	+1
31	+0,575	+33,4	−17,64	+ 3,9	−2	0
Apr. 10	+0,908	+32,8	−16,96	+ 9,6	−2	0
20	+1,231	+31,6	−15,73	+14,9	−2	0
30	+1,540	+29,8	−13,99	+19,5	−2	0
Maj. 10	+1,827	+27,4	−11,83	+23,4	−2	0
20	+2,087	+24,3	− 9,32	+26,5	−1	0
30	+2,312	+20,7	− 6,53	+28,7	−1	0
Jun. 9	+2,500	+16,6	− 3,57	+30,0	0	0
19	+2,643	+12,0	− 0,53	+30,5	0	0
29	+2,740	+ 7,3	+ 2,52	+30,1	0	0
Jul. 9	+2,788	+ 2,3	+ 5,49	+29,0	+1	0
19	+2,785	− 2,8	+ 8,31	+27,2	+1	0
29	+2,733	− 7,7	+10,92	+24,8	+1	0
Aug. 8	+2,632	−12,3	+13,26	+21,8	+2	+1
18	+2,487	−16,5	+15,28	+18,4	+2	+1
28	+2,303	−20,0	+16,94	+14,7	+2	+1
Sept. 7	+2,087	−22,8	+18,21	+10,6	+2	+1
17	+1,848	−24,7	+19,06	+ 6,3	+2	+2
27	+1,594	−25,6	+19,47	+ 1,8	+2	+2
Oct. 7	+1,337	−25,4	+19,42	− 2,8	+2	+3
17	+1,087	−24,2	+18,92	− 7,3	+2	+3
27	+0,854	−21,9	+17,96	−11,9	+2	+3
Nov. 6	+0,649	−18,7	+16,55	−16,3	+2	+4
16	+0,480	−14,7	+14,71	−20,4	+2	+4
26	+0,355	−10,1	+12,48	−24,0	+1	+4
Dec. 6	+0,279	− 5,1	+ 9,92	−27,0	+1	+5
16	+0,254	+ 0,2	+ 7,08	−29,4	+1	+5
26	+0,283	+ 5,6	+ 4,05	−30,8	0	+5
36	+0,365	+10,7	+ 0,93	−31,2	0	+5

	A. R. med.	Decl. med.
1810	18ʰ 30′ 30″,3837	+38° 36′ 48″,298
1811	30 32,4134	36 51,232
1812	30 34,4431	36 54,169
1813	30 36,4728	36 57,109
1814	30 38,5026	37 0,052
1815	30 40,5324	37 2,998
1816	30 42,5622	37 5,947
1817	30 44,5920	37 8,899
1818	30 46,6218	37 11,854
1819	30 48,6516	37 14,811
1820	30 50,6815	37 17,770
1821	30 52,7114	37 20,733
1822	30 54,7413	37 23,699
1823	30 56,7712	37 26,668
1824	30 58,8011	37 29,640
1825	31 0,8310	37 32,616
1826	31 2,8610	37 35,594
1827	31 4,8910	37 38,574
1828	31 6,9210	37 41,558
1829	31 8,9510	37 44,545
1830	31 10,9810	37 47,534

Diei reducto addendum est:

ante } Dec. 28 { + 1
post } Dec. 28 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *γ Aquilae.*

1810	Jan. 0	19ʰ 37′ 13″,919	+10° 9′ 40″,01	1820	Jan. 1	19ʰ 37′ 41″,949	+10° 10′ 45″,62
	Apr. 10	13,884	39,99		Apr. 10	42,034	45,82
	Jul. 19	13,748	39,90		Jul. 19	42,120	46,09
	Oct. 27	13,659	39,73		Oct. 27	42,205	46,42
	Dec. 66	13,569	39,49		Dec. 66	42,290	46,82
1811	Jan. 0	19 37 16,454	+10 9 47,83	1821	Jan. 0	19 37 45,117	+10 10 54,97
	Apr. 10	16,364	47,54		Apr. 10	45,201	55,40
	Jul. 19	16,275	47,18		Jul. 19	45,282	55,89
	Oct. 27	16,187	46,76		Oct. 27	45,361	56,43
	Dec. 66	16,100	46,27		Dec. 66	45,438	57,03
1812	Jan. 1	19 37 18,983	+10 9 54,70	1822	Jan. 0	19 37 48,268	+10 11 5,12
	Apr. 10	18,898	54,17		Apr. 10	48,341	5,75
	Jul. 19	18,817	53,59		Jul. 19	48,410	6,41
	Oct. 27	18,740	52,96		Oct. 27	48,474	7,11
	Dec. 66	18,666	52,28		Dec. 66	48,534	7,84
1813	Jan. 0	19 37 21,545	+10 10 0,77	1823	Jan. 0	19 37 51,370	+10 11 15,89
	Apr. 10	21,475	0,07		Apr. 10	51,425	16,64
	Jul. 19	21,412	9 59,34		Jul. 19	51,474	17,40
	Oct. 27	21,355	58,58		Oct. 27	51,516	18,18
	Dec. 66	21,304	57,80		Dec. 66	51,552	18,98
1814	Jan. 0	19 37 24,175	+10 10 6,32	1824	Jan. 1	19 37 54,396	+10 11 27,01
	Apr. 10	24,129	5,53		Apr. 10	54,426	27,80
	Jul. 19	24,090	4,73		Jul. 19	54,449	28,59
	Oct. 27	24,059	3,94		Oct. 27	54,464	29,37
	Dec. 66	24,035	3,14		Dec. 66	54,471	30,13
1815	Jan. 0	19 37 26,897	+10 10 11,67	1825	Jan. 0	19 37 57,324	+10 11 38,18
	Apr. 10	26,879	10,88		Apr. 10	57,326	38,93
	Jul. 19	26,869	10,12		Jul. 19	57,320	39,64
	Oct. 27	26,867	9,37		Oct. 27	57,305	40,32
	Dec. 66	26,873	8,65		Dec. 66	57,282	40,97
1816	Jan. 1	19 37 29,726	+10 10 17,16	1826	Jan. 0	19 38 0,146	+10 11 49,07
	Apr. 10	29,738	16,46		Apr. 10	0,118	49,69
	Jul. 19	29,757	15,81		Jul. 19	0,082	50,25
	Oct. 27	29,784	15,20		Oct. 27	0,039	50,76
	Dec. 66	29,819	14,63		Dec. 66	37 59,988	51,21
1817	Jan. 0	19 37 32,661	+10 10 23,09	1827	Jan. 0	19 38 2,861	+10 11 59,38
	Apr. 10	32,700	22,56		Apr. 10	2,806	59,79
	Jul. 19	32,746	22,09		Jul. 19	2,745	12 0,13
	Oct. 27	32,798	21,68		Oct. 27	2,678	0,40
	Dec. 66	32,857	21,32		Dec. 66	2,605	0,60
1818	Jan. 0	19 37 35,691	+10 10 29,71	1828	Jan. 1	19 38 5,485	+10 12 8,85
	Apr. 10	35,853	29,41		Apr. 10	5,409	9,00
	Jul. 19	35,820	29,17		Jul. 19	5,329	9,08
	Oct. 27	35,891	29,00		Oct. 27	5,246	9,08
	Dec. 66	35,967	28,89		Dec. 66	5,159	9,01
1819	Jan. 0	19 37 38,796	+10 10 37,20	1829	Jan. 0	19 38 8,043	+10 12 17,36
	Apr. 10	38,874	37,14		Apr. 10	7,955	17,23
	Jul. 19	38,955	37,16		Jul. 19	7,866	17,03
	Oct. 27	39,037	37,24		Oct. 27	7,777	16,76
	Dec. 66	39,122	37,40		Dec. 66	7,687	16,41

Tabulae X. Sect. IV. γ *Aquilae.*

	1820		1820		Var. 10 annor.	
Jan. 0	−1,292″	+ 5,1	+ 0,12″	−17,1	+1	+1
10	−1,222	+ 8,8	− 1,61	−17,3	0	+1
20	−1,117	+12,2	− 3,34	−16,9	0	+1
30	−0,978	+15,4	− 4,99	−15,8	−1	+1
Febr. 9	−0,809	+18,3	− 6,49	−13,9	−1	+1
19	−0,612	+20,9	− 7,76	−11,3	−2	+1
Mart. 1	−0,391	+23,2	− 8,74	− 8,2	−2	+1
11	−0,149	+25,2	− 9,39	− 4,6	−2	+1
21	+0,112	+26,8	− 9,66	− 0,8	−2	+1
31	+0,386	+28,0	− 9,55	+ 3,1	−3	0
Apr. 10	+0,672	+28,9	− 9,05	+ 6,9	−3	0
20	+0,964	+29,3	− 8,17	+10,5	−3	0
30	+1,257	+29,2	− 6,95	+13,7	−3	0
Maj. 10	+1,547	+28,5	− 5,44	+16,3	−2	0
20	+1,827	+27,2	− 3,69	+18,5	−2	0
30	+2,091	+25,3	− 1,75	+20,0	−2	+1
Jun. 9	+2,333	+22,9	+ 0,30	+20,8	−1	+1
19	+2,548	+19,8	+ 2,41	+21,1	−1	+1
29	+2,728	+16,2	+ 4,51	+20,8	−1	+1
Jul. 9	+2,871	+12,2	+ 6,56	+20,0	0	+1
19	+2,972	+ 7,9	+ 8,50	+18,7	0	+1
29	+3,029	+ 3,5	+10,29	+17,0	0	+2
Aug. 8	+3,041	− 1,0	+11,90	+15,1	+1	+2
18	+3,010	− 5,2	+13,31	+12,9	+1	+2
28	+2,938	− 9,0	+14,48	+10,6	+2	+2
Sept. 7	+2,831	−12,2	+15,43	+ 8,2	+2	+3
17	+2,694	−14,8	+16,12	+ 5,7	+2	+3
27	+2,535	−16,5	+16,56	+ 3,1	+2	+3
Oct. 7	+2,364	−17,3	+16,74	+ 0,6	+3	+3
17	+2,189	−17,2	+16,67	− 2,1	+3	+4
27	+2,020	−16,2	+16,33	− 4,6	+3	+4
Nov. 6	+1,866	−14,3	+15,75	− 7,1	+2	+4
16	+1,734	−11,7	+14,91	− 9,6	+2	+4
26	+1,632	− 8,6	+13,84	−11,8	+2	+4
Dec. 6	+1,563	− 5,0	+12,56	−13,8	+2	+5
16	+1,532	− 1,2	+11,09	−15,4	+1	+5
26	+1,539	+ 2,7	+ 9,47	−16,6	+1	+5
36	+1,585	+ 6,5	+ 7,76	−17,3	0	+5

	A. R. med.	Decl. med.
1810	19ʰ 37′ 13″,5462	+ 10° 9′ 31″,295
1811	37 16,4013	9 39,546
1812	37 19,2563	9 47,800
1813	37 22,1113	9 56,058
1814	37 24,9663	10 4,320
1815	37 27,8214	10 12,586
1816	37 30,6764	10 20,855
1817	37 33,5314	10 29,128
1818	37 36,3864	10 37,405
1819	37 39,2413	10 45,686
1820	37 42,0963	10 53,970
1821	37 44,9513	11 2,258
1822	37 47,8063	11 10,550
1823	37 50,6612	11 18,846
1824	37 53,5161	11 27,146
1825	37 56,3710	11 35,449
1826	37 59,2259	11 43,756
1827	38 2,0808	11 52,067
1828	38 4,9357	12 0,382
1829	38 7,7906	12 8,700
1830	38 10,6455	12 17,022

Diei reducto addendum est:

ante	Jan. 12	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	19 41 31,078	+ 8 22 39,55	1820	Jan. 1	19 41 59,851	+ 8 23 52,40
	Apr. 10	30,991	39,52		Apr. 10	59,938	52,61
	Jul. 19	30,903	39,42		Jul. 19	42 0,024	52,89
	Oct. 27	30,813	39,24		Oct. 27	0,111	53,23
	Dec. 66	30,722	38,99		Dec. 66	0,197	53,63
1811	Jan. 0	19 41 33,682	+ 8 22 48,05	1821	Jan. 0	19 42 3,097	+ 8 24 2,50
	Apr. 10	33,590	47,74		Apr. 10	3,182	2,94
	Jul. 19	33,500	47,37		Jul. 19	3,265	3,44
	Oct. 27	33,410	46,94		Oct. 27	3,345	3,99
	Dec. 66	33,322	46,45		Dec. 66	3,422	4,59
1812	Jan. 1	19 41 36,280	+ 8 22 55,59	1822	Jan. 0	19 42 6,325	+ 8 24 13,39
	Apr. 10	36,194	55,05		Apr. 10	6,399	14,02
	Jul. 19	36,112	54,47		Jul. 19	6,469	14,69
	Oct. 27	36,034	53,83		Oct. 27	6,533	15,39
	Dec. 66	35,960	53,15		Dec. 66	6,593	16,13
1813	Jan. 0	19 41 38,913	+ 8 23 2,36	1823	Jan. 0	19 42 9,503	+ 8 24 24,89
	Apr. 10	38,843	1,65		Apr. 10	9,558	25,64
	Jul. 19	38,779	0,92		Jul. 19	9,607	26,40
	Oct. 27	38,721	0,16		Oct. 27	9,649	27,18
	Dec. 66	38,670	22 59,38		Dec. 66	9,685	27,97
1814	Jan. 0	19 41 41,615	+ 8 23 8,62	1824	Jan. 1	19 42 12,603	+ 8 24 36,72
	Apr. 10	41,569	7,83		Apr. 10	12,633	37,51
	Jul. 19	41,530	7,03		Jul. 19	12,655	38,30
	Oct. 27	41,499	6,24		Oct. 27	12,670	39,07
	Dec. 66	41,476	5,45		Dec. 66	12,677	39,82
1815	Jan. 0	19 41 44,412	+ 8 23 14,69	1825	Jan. 0	19 42 15,604	+ 8 24 48,59
	Apr. 10	44,394	13,90		Apr. 10	15,605	49,33
	Jul. 19	44,384	13,14		Jul. 19	15,598	50,04
	Oct. 27	44,383	12,40		Oct. 27	15,583	50,71
	Dec. 66	44,390	11,69		Dec. 66	15,559	51,35
1816	Jan. 1	19 41 47,316	+ 8 23 20,91	1826	Jan. 0	19 42 18,496	+ 8 25 0,17
	Apr. 10	47,328	20,22		Apr. 10	18,467	0,78
	Jul. 19	47,348	19,58		Jul. 19	18,431	1,33
	Oct. 27	47,376	18,98		Oct. 27	18,387	1,82
	Dec. 66	47,412	18,42		Dec. 66	18,335	2,26
1817	Jan. 0	19 41 50,328	+ 8 23 27,59	1827	Jan. 0	19 42 21,281	+ 8 25 11,15
	Apr. 10	50,368	27,07		Apr. 10	21,225	11,55
	Jul. 19	50,415	26,61		Jul. 19	21,162	11,87
	Oct. 27	50,468	26,21		Oct. 27	21,094	12,13
	Dec. 66	50,528	25,88		Dec. 66	21,020	12,32
1818	Jan. 0	19 41 53,436	+ 8 23 34,97	1828	Jan. 1	19 42 23,974	+ 8 25 21,30
	Apr. 10	53,500	34,68		Apr. 10	23,896	21,44
	Jul. 19	53,568	34,45		Jul. 19	23,815	21,50
	Oct. 27	53,640	34,29		Oct. 27	23,730	21,49
	Dec. 66	53,717	34,20		Dec. 66	23,642	21,40
1819	Jan. 0	19 41 56,620	+ 8 23 43,22	1829	Jan. 0	19 42 26,601	+ 8 25 30,47
	Apr. 10	56,699	43,18		Apr. 10	26,511	30,33
	Jul. 19	56,781	43,20		Jul. 19	26,421	30,12
	Oct. 27	56,865	43,30		Oct. 27	26,330	29,84
	Dec. 66	56,951	43,47		Dec. 66	26,239	29,48

Tabulae X. Sect. IV. *α Aquilae.*

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	—1,278	+ 4,9	+ 0,01	—16,0	+1	+1
10	—1,211	+ 8,6	— 1,61	—16,2	0	+1
20	—1,107	+12,1	— 3,22	—15,8	0	+1
30	—0,970	+15,2	— 4,76	—14,6	—1	+1
Febr. 9	—0,803	+18,1	— 6,14	—12,8	—1	+1
19	—0,609	+20,7	— 7,31	—10,4	—2	+1
Mart. 1	—0,390	+23,0	— 8,21	— 7,4	—2	+1
11	—0,150	+25,0	— 8,78	— 4,0	—2	+1
21	+0,109	+26,7	— 9,00	— 0,3	—3	0
31	+0,383	+28,0	— 8,84	+ 3,5	—3	0
Apr. 10	+0,668	+28,9	— 8,31	+ 7,1	—3	0
20	+0,961	+29,4	— 7,42	+10,5	—3	0
30	+1,255	+29,3	— 6,21	+13,6	—3	0
Maj. 10	+1,547	+28,8	— 4,71	+16,1	—2	0
20	+1,830	+27,6	— 2,99	+18,1	—2	0
30	+2,098	+25,7	— 1,09	+19,5	—2	+1
Jun. 9	+2,344	+23,3	+ 0,91	+20,3	—2	+1
19	+2,563	+20,3	+ 2,96	+20,5	—1	+1
29	+2,750	+16,8	+ 5,01	+20,2	—1	+1
Jul. 9	+2,898	+12,8	+ 6,99	+19,3	0	+1
19	+3,005	+ 8,6	+ 8,36	+18,0	0	+2
29	+3,069	+ 4,1	+10,58	+16,4	0	+2
Aug. 8	+3,087	— 0,4	+12,13	+14,5	+1	+2
18	+3,062	— 4,5	+13,48	+12,4	+1	+2
28	+2,997	— 8,4	+14,60	+10,1	+2	+3
Sept. 7	+2,895	—11,7	+15,50	+ 7,8	+2	+3
17	+2,763	—14,3	+16,16	+ 5,4	+2	+3
27	+2,610	—16,1	+16,58	+ 3,0	+2	+3
Oct. 7	+2,442	—17,0	+16,75	+ 0,6	+3	+4
17	+2,271	—16,9	+16,69	— 1,9	+3	+4
27	+2,105	—15,9	+16,38	— 4,3	+3	+4
Nov. 6	+1,953	—14,2	+15,84	— 6,6	+3	+4
16	+1,822	—11,6	+15,06	— 8,9	+2	+4
26	+1,721	— 8,5	+14,07	—11,0	+2	+4
Dec. 6	+1,652	— 5,0	+12,87	—12,9	+2	+5
16	+1,621	— 1,3	+11,50	—14,4	+1	+5
26	+1,627	+ 2,6	+10,00	—15,5	+1	+5
36	+1,672	+ 6,3	+ 8,40	—16,1	0	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	19 41 30,7062	+ 8 22 30,867
1811	41 33,6350	22 39,832
1812	41 36,5638	22 48,801
1813	41 39,4926	22 57,774
1814	41 42,4214	23 6,751
1815	41 45,3502	23 15,730
1816	41 48,2789	23 24,714
1817	41 51,2076	23 33,702
1818	41 54,1363	23 42,694
1819	41 57,0650	23 51,690
1820	41 59,9937	24 0,690
1821	42 2,9224	24 9,694
1822	42 5,8511	24 18,701
1823	42 8,7798	24 27,712
1824	42 11,7084	24 36,727
1825	42 14,6370	24 45,746
1826	42 17,5656	24 54,769
1827	42 20,4942	25 3,796
1828	42 23,4228	25 12,826
1829	42 26,3514	25 21,860
1830	42 29,2798	25 30,898

Diei reducto addendum est:

ante } Jan. 13 { 0
post } Jan. 13 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *β Aquilae.*

1810	Jan. 0	19h 45′ 59″,140	+ 5° 56′ 34″,79	1820	Jan. 1	19h 46′ 28″,139	+ 5° 57′ 42″,61
	Apr. 10	59,052	34,75		Apr. 10	28,228	42,84
	Jul. 19	58,962	34,64		Jul. 19	28,316	43,13
	Oct. 27	58,870	34,45		Oct. 27	28,404	43,48
	Dec. 66	58,777	34,19		Dec. 66	28,491	43,89
1811	Jan. 0	19 46 1,759	+ 5 56 42,73	1821	Jan. 0	19 46 31,412	+ 5 57 52,23
	Apr. 10	1,665	42,42		Apr. 10	31,499	52,69
	Jul. 19	1,573	42,05		Jul. 19	31,583	53,19
	Oct. 27	1,482	41,61		Oct. 27	31,663	53,75
	Dec. 66	1,393	41,10		Dec. 66	31,741	54,35
1812	Jan. 1	19 46 4,373	+ 5 56 49,73	1822	Jan. 0	19 46 34,666	+ 5 58 2,64
	Apr. 10	4,286	49,19		Apr. 10	34,741	3,28
	Jul. 19	4,203	48,60		Jul. 19	34,812	3,95
	Oct. 27	4,124	47,96		Oct. 27	34,876	4,65
	Dec. 66	4,049	47,27		Dec. 66	34,937	5,39
1813	Jan. 0	19 46 7,024	+ 5 56 55,97	1823	Jan. 0	19 46 37,867	+ 5 58 13,63
	Apr. 10	6,952	55,26		Apr. 10	37,924	14,38
	Jul. 19	6,889	54,52		Jul. 19	37,974	15,15
	Oct. 27	6,831	53,76		Oct. 27	38,015	15,93
	Dec. 66	6,779	52,98		Dec. 66	38,050	16,72
1814	Jan. 0	19 46 9,746	+ 5 57 1,70	1824	Jan. 1	19 46 40,989	+ 5 58 24,95
	Apr. 10	9,700	0,91		Apr. 10	41,019	25,74
	Jul. 19	9,661	0,12		Jul. 19	41,041	26,52
	Oct. 27	9,631	56 59,33		Oct. 27	41,055	27,28
	Dec. 66	9,608	58,54		Dec. 66	41,061	28,03
1815	Jan. 0	19 46 12,565	+ 5 57 7,27	1825	Jan. 0	19 46 44,010	+ 5 58 36,29
	Apr. 10	12,548	6,50		Apr. 10	44,010	37,02
	Jul. 19	12,539	5,74		Jul. 19	44,002	37,72
	Oct. 27	12,539	5,01		Oct. 27	43,985	38,39
	Dec. 66	12,547	4,30		Dec. 66	43,960	39,02
1816	Jan. 1	19 46 15,494	+ 5 57 13,01	1826	Jan. 0	19 46 46,919	+ 5 58 47,32
	Apr. 10	15,508	12,33		Apr. 10	46,889	47,91
	Jul. 19	15,529	11,69		Jul. 19	46,851	48,45
	Oct. 27	15,559	11,10		Oct. 27	46,805	48,94
	Dec. 66	15,597	10,56		Dec. 66	46,751	49,37
1817	Jan. 0	19 46 18,532	+ 5 57 19,21	1827	Jan. 0	19 46 49,720	+ 5 58 57,74
	Apr. 10	18,574	18,70		Apr. 10	49,662	58,13
	Jul. 19	18,623	18,26		Jul. 19	49,597	58,44
	Oct. 27	18,678	17,87		Oct. 27	49,527	58,69
	Dec. 66	18,740	17,54		Dec. 66	49,451	58,87
1818	Jan. 0	19 46 21,668	+ 5 57 26,12	1828	Jan. 1	19 46 52,427	+ 5 59 7,33
	Apr. 10	21,734	25,84		Apr. 10	52,348	7,46
	Jul. 19	21,804	25,62		Jul. 19	52,265	7,51
	Oct. 27	21,878	25,48		Oct. 27	52,178	7,48
	Dec. 66	21,957	25,40		Dec. 66	52,088	7,38
1819	Jan. 0	19 46 24,880	+ 5 57 33,90	1829	Jan. 0	19 46 55,069	+ 5 59 15,94
	Apr. 10	24,961	33,87		Apr. 10	54,977	15,79
	Jul. 19	25,045	33,91		Jul. 19	54,885	15,57
	Oct. 27	25,131	34,02		Oct. 27	54,793	15,28
	Dec. 66	25,219	34,20		Dec. 66	54,700	14,91

Tabulae X. Sect. IV. β *Aquilae.*

	1820		1820		Var. 10 annor.	
Jan. 0	−1,263″	+ 4,6	− 0,20″	−14,8	+1	+1
10	−1,199	+ 8,3	− 1,70	−15,0	0	+1
20	−1,098	+11,7	− 3,19	−14,5	0	+1
30	−0,965	+14,8	− 4,60	−13,4	−1	+1
Febr. 9	−0,802	+17,7	− 5,87	−11,7	−1	+1
19	−0,612	+20,3	− 6,94	− 9,4	−2	+1
Mart. 1	−0,397	+22,6	− 7,75	− 6,6	−2	+1
11	−0,160	+24,7	− 8,26	− 3,4	−2	+1
21	+0,096	+26,4	− 8,42	+ 0,1	−3	0
31	+0,367	+27,7	− 8,24	+ 3,6	−3	0
Apr. 10	+0,650	+28,7	− 7,70	+ 7,1	−3	0
20	+0,941	+29,3	− 6,83	+10,3	−3	0
30	+1,235	+29,3	− 5,65	+13,1	−3	0
Maj. 10	+1,527	+28,8	− 4,21	+15,5	−2	0
20	+1,811	+27,7	− 2,56	+17,3	−2	0
30	+2,081	+26,0	− 0,76	+18,5	−2	+1
Jun. 9	+2,331	+23,7	+ 1,14	+19,2	−2	+1
19	+2,554	+20,7	+ 3,08	+19,3	−1	+1
29	+2,744	+17,2	+ 5,00	+18,9	−1	+1
Jul. 9	+2,898	+13,3	+ 6,85	+17,9	−1	+1
19	+3,010	+ 9,0	+ 8,58	+16,6	0	+2
29	+3,078	+ 4,6	+10,17	+15,0	0	+2
Aug. 8	+3,102	+ 0,2	+11,58	+13,2	+1	+2
18	+3,082	− 4,0	+12,80	+11,2	+1	+2
28	+3,022	− 7,9	+13,81	+ 9,0	+1	+3
Sept. 7	+2,924	−11,3	+14,59	+ 6,8	+2	+3
17	+2,796	−13,9	+15,16	+ 4,6	+2	+3
27	+2,646	−15,8	+15,50	+ 2,3	+2	+3
Oct. 7	+2,481	−16,7	+15,62	+ 0,1	+2	+3
17	+2,312	−16,7	+15,51	− 2,1	+3	+4
27	+2,147	−15,8	+15,20	− 4,2	+3	+4
Nov. 6	+1,996	−14,1	+14,67	− 6,4	+3	+4
16	+1,866	−11,7	+13,93	− 8,4	+2	+4
26	+1,763	− 8,6	+12,99	−10,3	+2	+4
Dec. 6	+1,694	− 5,1	+11,87	−12,0	+2	+4
16	+1,661	− 1,5	+10,60	−13,4	+1	+4
26	+1,665	+ 2,3	+ 9,20	−14,4	+1	+4
36	+1,707	+ 6,0	+ 7,73	−14,9	0	+4

	A. R. med.	Decl. med.
1810	19ʰ 45′ 58″,7716	+ 5° 56′ 26″,142
1811	46 1,7219	56 34,595
1812	46 4,6722	56 43,052
1813	46 7,6225	56 51,513
1814	46 10,5728	56 59,977
1815	46 13,5231	57 8,445
1816	46 16,4734	57 16,917
1817	46 19,4237	57 25,392
1818	46 22,3739	57 33,871
1819	46 25,3241	57 42,354
1820	46 28,2743	57 50,840
1821	46 31,2245	57 59,330
1822	46 34,1747	58 7,824
1823	46 37,1248	58 16,321
1824	46 40,0749	58 24,822
1825	46 43,0250	58 33,327
1826	46 45,9751	58 41,835
1827	46 48,9252	58 50,347
1828	46 51,8753	58 58,863
1829	46 54,8253	59 7,383
1830	46 57,7754	59 15,906

Diei reducto addendum est:

ante	Jan. 14	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. 1*α Capricorni.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	20 7 6,807	— 13 5 2,74	1820	Jan. 1	20 7 39,779	— 13 3 33,48
	Apr. 10	6,704	2,84		Apr. 10	39,880	33,20
	Jul. 19	6,600	3,02		Jul. 19	39,979	32,87
	Oct. 27	6,495	3,26		Oct. 27	40,078	32,47
	Dec. 66	6,390	3,58		Dec. 66	40,175	32,02
1811	Jan. 0	20 7 9,760	— 13 4 52,92	1821	Jan. 0	20 7 43,476	— 13 3 21,60
	Apr. 10	9,655	53,29		Apr. 10	43,571	21,11
	Jul. 19	9,552	53,71		Jul. 19	43,663	20,57
	Oct. 27	9,451	54,19		Oct. 27	43,750	19,98
	Dec. 66	9,353	54,73		Dec. 66	43,834	19,35
1812	Jan. 1	20 7 12,720	— 13 4 44,00	1822	Jan. 0	20 7 47,140	— 13 3 8,98
	Apr. 10	12,625	44,57		Apr. 10	47,220	8,33
	Jul. 19	12,535	45,19		Jul. 19	47,293	7,64
	Oct. 27	12,451	45,85		Oct. 27	47,360	6,91
	Dec. 66	12,373	46,56		Dec. 66	47,421	6,15
1813	Jan. 0	20 7 15,732	— 13 4 35,77	1823	Jan. 0	20 7 50,735	— 13 2 55,81
	Apr. 10	15,659	36,49		Apr. 10	50,790	55,08
	Jul. 19	15,593	37,23		Jul. 19	50,837	54,33
	Oct. 27	15,535	37,99		Oct. 27	50,876	53,57
	Dec. 66	15,485	38,77		Dec. 66	50,907	52,80
1814	Jan. 0	20 7 18,835	— 13 4 27,96	1824	Jan. 1	20 7 54,231	— 13 2 42,46
	Apr. 10	18,791	28,74		Apr. 10	54,256	41,69
	Jul. 19	18,756	29,51		Jul. 19	54,271	40,94
	Oct. 27	18,730	30,28		Oct. 27	54,277	40,21
	Dec. 66	18,714	31,05		Dec. 66	54,274	39,49
1815	Jan. 0	20 7 22,053	— 13 4 20,23	1825	Jan. 0	20 7 57,609	— 13 2 29,13
	Apr. 10	22,043	20,98		Apr. 10	57,600	28,43
	Jul. 19	22,043	21,71		Jul. 19	57,581	27,78
	Oct. 27	22,052	22,40		Oct. 27	57,553	27,16
	Dec. 66	22,071	23,06		Dec. 66	57,515	26,58
1816	Jan. 1	20 7 25,398	— 13 4 12,28	1826	Jan. 0	20 8 0,862	— 13 2 16,17
	Apr. 10	25,423	12,91		Apr. 10	0,818	15,63
	Jul. 19	25,456	13,50		Jul. 19	0,766	15,14
	Oct. 27	25,498	14,04		Oct. 27	0,706	14,72
	Dec. 66	25,549	14,53		Dec. 66	0,638	14,35
1817	Jan. 0	20 7 28,865	— 13 4 3,80	1827	Jan. 0	20 8 3,994	— 13 2 3,85
	Apr. 10	28,921	4,25		Apr. 10	3,921	3,53
	Jul. 19	28,984	4,64		Jul. 19	3,842	3,28
	Oct. 27	29,054	4,97		Oct. 27	3,756	3,09
	Dec. 66	29,130	5,24		Dec. 66	3,664	2,98
1818	Jan. 0	20 7 32,437	— 13 3 54,58	1828	Jan. 1	20 8 7,029	— 13 1 52,40
	Apr. 10	32,517	54,81		Apr. 10	6,934	52,34
	Jul. 19	32,602	54,96		Jul. 19	6,836	52,35
	Oct. 27	32,691	55,05		Oct. 27	6,735	52,43
	Dec. 66	32,785	55,06		Dec. 66	6,631	52,59
1819	Jan. 0	20 7 36,087	— 13 3 44,49	1829	Jan. 0	20 8 9,998	— 13 1 41,91
	Apr. 10	36,183	44,46		Apr. 10	9,893	42,12
	Jul. 19	36,280	44,36		Jul. 19	9,788	42,40
	Oct. 27	36,379	44,20		Oct. 27	9,684	42,74
	Dec. 66	36,479	43,97		Dec. 66	9,580	43,16

Tabulae X. Sect. IV. 1 *α Capricorni.*

	1820		1820		Var. 10 annor.	
Jan. 0	−1″,249	+ 4,0	− 2″,57	− 3,5	+1	−1
10	−1,191	+ 7,6	− 2,91	− 3,1	+1	−1
20	−1,097	+11,0	− 3,19	− 2,5	0	−1
30	−0,971	+14,2	− 3,40	− 1,7	0	−1
Febr. 9	−0,814	+17,2	− 3,52	− 0,5	−1	−1
19	−0,628	+19,9	− 3,50	+ 1,0	−1	−1
Mart. 1	−0,417	+22,2	− 3,33	+ 2,6	−2	−1
11	−0,184	+24,5	− 2,98	+ 4,4	−2	−1
21	+0,072	+26,5	− 2,45	+ 6,2	−3	0
31	+0,345	+28,1	− 1,74	+ 8,0	−3	0
Apr. 10	+0,633	+29,4	− 0,86	+ 9,6	−3	0
20	+0,933	+30,4	+ 0,18	+11,0	−3	0
30	+1,241	+30,9	+ 1,34	+12,1	−3	+1
Maj. 10	+1,550	+30,7	+ 2,59	+12,8	−3	+1
20	+1,855	+30,1	+ 3,89	+13,0	−3	+1
30	+2,151	+28,7	+ 5,18	+12,8	−3	+2
Jun. 9	+2,429	+26,6	+ 6,44	+12,2	−3	+2
19	+2,683	+23,9	+ 7,61	+11,2	−2	+2
29	+2,906	+20,6	+ 8,68	+10,0	−2	+3
Jul. 9	+3,094	+16,7	+ 9,60	+ 8,5	−1	+3
19	+3,240	+12,4	+10,37	+ 6,8	−1	+3
29	+3,342	+ 7,9	+10,96	+ 5,1	−1	+4
Aug. 8	+3,398	+ 3,3	+11,39	+ 3,5	0	+4
18	+3,407	− 1,3	+11,65	+ 1,9	0	+4
28	+3,372	− 5,6	+11,76	+ 0,5	+1	+4
Sept. 7	+3,296	− 9,3	+11,75	− 0,6	+1	+4
17	+3,187	−12,3	+11,64	− 1,7	+2	+4
27	+3,050	−14,6	+11,42	− 2,5	+2	+4
Oct. 7	+2,895	−15,9	+11,14	− 3,0	+2	+4
17	+2,732	−16,3	+10,83	− 3,3	+3	+4
27	+2,570	−15,7	+10,48	− 3,6	+3	+4
Nov. 6	+2,419	−14,2	+10,12	− 3,7	+3	+4
16	+2,287	−11,9	+ 9,75	− 3,8	+2	+4
26	+2,181	− 9,0	+ 9,37	− 3,8	+2	+4
Dec. 6	+2,107	− 5,7	+ 8,99	− 3,8	+2	+4
16	+2,068	− 2,1	+ 8,61	− 3,8	+1	+4
26	+2,066	+ 1,7	+ 8,24	− 3,7	+1	+4
36	+2,102	+ 5,4	+ 7,88	− 3,4	0	+3

	A. R. med.	Decl. med.
1810	20h 7′ 6″,4894	−13° 5′ 11″,199
1811	7 9,8237	5 0,657
1812	7 13,1579	4 50,111
1813	7 16,4920	4 39,560
1814	7 19,8260	4 29,005
1815	7 23,1600	4 18,446
1816	7 26,4939	4 7,883
1817	7 29,8277	3 57,316
1818	7 33,1614	3 46,745
1819	7 36,4950	3 36,170
1820	7 39,8285	3 25,591
1821	7 43,1620	3 15,008
1822	7 46,4954	3 4,420
1823	7 49,8287	2 53,828
1824	7 53,1619	2 43,232
1825	7 56,4950	2 32,632
1826	7 59,8281	2 22,028
1827	8 3,1611	2 11,420
1828	8 6,4940	2 0,808
1829	8 9,8268	1 50,192
1830	8 13,1594	1 39,571

Diei reducto addendum est:

ante	Jan. 19	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. 2α *Capricorni.*

1810	Jan. 0	20h 7′ 30″,570	−13° 7′ 20″,92	1820	Jan. 1	20h 8′ 3″,589	−13° 5′ 51″,37
	Apr. 10	30,467	21,02		Apr. 10	3,690	51,09
	Jul. 19	30,364	21,20		Jul. 19	3,789	50,76
	Oct. 27	30,259	21,44		Oct. 27	3,887	50,36
	Dec. 66	30,153	21,76		Dec. 66	3,984	49,91
1811	Jan. 0	20 7 33,528	−13 7 11,08	1821	Jan. 0	20 8 7,290	−13 5 39,46
	Apr. 10	33,422	11,44		Apr. 10	7,386	38,97
	Jul. 19	33,319	11,86		Jul. 19	7,477	38,43
	Oct. 27	33,219	12,35		Oct. 27	7,565	37,84
	Dec. 66	33,121	12,89		Dec. 66	7,648	37,21
1812	Jan. 1	20 7 36,492	−13 7 2,13	1822	Jan. 0	20 8 10,959	−13 5 26,81
	Apr. 10	36,397	2,70		Apr. 10	11,039	26,15
	Jul. 19	36,307	3,32		Jul. 19	11,112	25,47
	Oct. 27	36,223	3,98		Oct. 27	11,178	24,76
	Dec. 66	36,145	4,69		Dec. 66	11,239	24,02
1813	Jan. 0	20 7 39,509	−13 6 53,87	1823	Jan. 0	20 8 14,558	−13 5 13,65
	Apr. 10	39,436	54,60		Apr. 10	14,614	12,90
	Jul. 19	39,370	55,34		Jul. 19	14,661	12,14
	Oct. 27	39,312	56,10		Oct. 27	14,700	11,37
	Dec. 66	39,262	56,88		Dec. 66	14,730	10,60
1814	Jan. 0	20 7 42,616	−13 6 46,03	1824	Jan. 1	20 8 18,059	−13 5 0,24
	Apr. 10	42,572	46,81		Apr. 10	18,084	4 59,47
	Jul. 19	42,538	47,59		Jul. 19	18,099	58,72
	Oct. 27	42,512	48,36		Oct. 27	18,105	57,99
	Dec. 66	42,496	49,12		Dec. 66	18,102	57,27
1815	Jan. 0	20 7 45,839	−13 6 38,28	1825	Jan. 0	20 8 21,442	−13 4 46,88
	Apr. 10	45,829	39,03		Apr. 10	21,432	46,18
	Jul. 19	45,829	39,75		Jul. 19	21,413	45,53
	Oct. 27	45,838	40,44		Oct. 27	21,385	44,91
	Dec. 66	45,857	41,11		Dec. 66	21,347	44,34
1816	Jan. 1	20 7 49,188	−13 6 30,30	1826	Jan. 0	20 8 24,698	−13 4 33,89
	Apr. 10	49,213	30,93		Apr. 10	24,655	33,35
	Jul. 19	49,247	31,52		Jul. 19	24,603	32,87
	Oct. 27	49,289	32,05		Oct. 27	24,542	32,44
	Dec. 66	49,340	32,54		Dec. 66	24,474	32,08
1817	Jan. 0	20 7 52,660	−13 6 21,79	1827	Jan. 0	20 8 27,835	−13 4 21,56
	Apr. 10	52,716	22,24		Apr. 10	27,762	21,23
	Jul. 19	52,779	22,63		Jul. 19	27,682	20,98
	Oct. 27	52,849	22,96		Oct. 27	27,597	20,80
	Dec. 66	52,925	23,22		Dec. 66	27,505	20,69
1818	Jan. 0	20 7 56,237	−13 6 12,54	1828	Jan. 1	20 8 30,874	−13 4 10,08
	Apr. 10	56,317	12,76		Apr. 10	30,779	10,02
	Jul. 19	56,402	12,91		Jul. 19	30,681	10,03
	Oct. 27	56,491	12,99		Oct. 27	30,580	10,13
	Dec. 66	56,585	13,01		Dec. 66	30,476	10,28
1819	Jan. 0	20 7 59,892	−13 6 2,41	1829	Jan. 0	20 8 33,848	−13 3 59,57
	Apr. 10	59,988	2,38		Apr. 10	33,743	59,78
	Jul. 19	8 0,085	2,29		Jul. 19	33,638	4 0,06
	Oct. 27	0,184	2,12		Oct. 27	33,534	0,40
	Dec. 66	0,285	1,89		Dec. 66	33,430	0,81

Tabulae X. Sect. IV. 2 *α Capricorni.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	−1,249	+ 4,0	− 2,58	− 3,5	+1	−1	1810	20 7 30,2532	−13 7 29,375
10	−1,190	+ 7,6	− 2,92	− 3,1	+1	−1	1811	7 33,5920	7 18,805
20	−1,097	+11,0	− 3,20	− 2,5	0	−1	1812	7 36,9307	7 8,231
30	−0,971	+14,2	− 3,41	− 1,6	0	−1	1813	7 40,2694	6 57,658
Febr. 9	−0,814	+17,1	− 3,51	− 0,4	−1	−1	1814	7 43,6080	6 47,071
							1815	7 46,9465	6 36,484
19	−0,629	+19,8	− 3,49	+ 1,0	−1	−1	1816	7 50,2849	6 25,893
Mart. 1	−0,419	+22,3	− 3,32	+ 2,6	−2	−1	1817	7 53,6232	6 15,298
11	−0,184	+24,5	− 2,97	+ 4,4	−2	−1	1818	7 56,9615	6 4,699
21	+0,071	+26,4	− 2,44	+ 6,3	−3	0	1819	8 0,2997	5 54,096
31	+0,344	+28,1	− 1,72	+ 8,0	−3	0	1820	8 3,6378	5 43,490
							1821	8 6,9758	5 32,879
Apr. 10	+0,632	+29,5	− 0,84	+ 9,6	−3	0	1822	8 10,3137	5 22,264
20	+0,933	+30,4	+ 0,20	+11,1	−3	0	1823	8 13,6515	5 11,645
30	+1,240	+30,9	+ 1,37	+12,1	−3	0	1824	8 16,4893	5 1,021
Maj. 10	+1,550	+30,8	+ 2,62	+12,7	−3	+1	1825	8 20,3270	4 50,393
20	+1,855	+30,1	+ 3,91	+13,0	−3	+1	1826	8 23,6646	4 39,761
							1827	8 27,0021	4 29,125
30	+2,151	+28,7	+ 5,21	+12,8	−3	+2	1828	8 30,3395	4 18,485
Jun. 9	+2,429	+26,7	+ 6,47	+12,2	−3	+2	1829	8 33,6769	4 7,841
19	+2,684	+24,0	+ 7,64	+11,2	−2	+2	1830	8 37,0142	3 57,194
29	+2,908	+20,6	+ 8,70	+10,0	−2	+3			
Jul. 9	+3,096	+16,8	+ 9,63	+ 8,5	−2	+3			
19	+3,243	+12,5	+10,39	+ 6,8	−1	+3			
29	+3,345	+ 7,9	+10,99	+ 5,1	−1	+4			
Aug. 8	+3,401	+ 3,4	+11,41	+ 3,4	0	+4			
18	+3,411	− 1,2	+11,67	+ 1,9	0	+4			
28	+3,376	− 5,5	+11,78	+ 0,5	+1	+4			
Sept. 7	+3,301	− 9,2	+11,76	− 0,7	+1	+4			
17	+3,192	−12,3	+11,64	− 1,7	+2	+4			
27	+3,055	−14,6	+11,43	− 2,5	+2	+4			
Oct. 7	+2,901	−15,9	+11,15	− 3,0	+2	+4			
17	+2,738	−16,3	+10,84	− 3,3	+2	+4			
27	+2,576	−15,7	+10,49	− 3,6	+3	+4			
Nov. 6	+2,425	−14,2	+10,13	− 3,7	+3	+4			
16	+2,293	−11,9	+ 9,76	− 3,8	+2	+4			
26	+2,187	− 9,0	+ 9,38	− 3,8	+2	+4			
Dec. 6	+2,113	− 5,7	+ 9,00	− 3,8	+2	+4			
16	+2,074	− 2,1	+ 8,62	− 3,8	+1	+4			
26	+2,072	+ 1,7	+ 8,25	− 3,6	+1	+3			
36	+2,107	+ 5,4	+ 7,90	− 3,4	0	+3			

Diei reducto addendum est:

ante	Jan. 19	0
post	Jan. 19	+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens

Tabulae X. Sect. IV. *α Cygni.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	20 34 58,060	+44 36 31,05	1820	Jan. 1	20 35 17,443	+44 38 21,13
	Apr. 10	58,009	30,87		Apr. 10	17,503	21,47
	Jul. 19	57,954	30,62		Jul. 19	17,565	21,86
	Oct. 27	57,894	30,31		Oct. 27	17,629	22,31
	Dec. 66	57,830	29,93		Dec. 66	17,696	22,81
1811	Jan. 0	20 34 59,893	+44 36 42,61	1821	Jan. 0	20 35 19,715	+44 38 35,20
	Apr. 10	59,827	42,19		Apr. 10	19,783	35,73
	Jul. 19	59,758	41,71		Jul. 19	19,852	36,30
	Oct. 27	59,688	41,18		Oct. 27	19,922	36,91
	Dec. 66	59,616	40,60		Dec. 66	19,993	37,56
1812	Jan. 1	20 35 1,681	+44 36 53,34	1822	Jan. 0	20 35 22,010	+44 38 49,91
	Apr. 10	1,608	52,74		Apr. 10	22,080	50,58
	Jul. 19	1,535	52,08		Jul. 19	22,149	51,28
	Oct. 27	1,463	51,40		Oct. 27	22,217	51.99
	Dec. 66	1,391	50,68		Dec. 66	22,283	52,73
1813	Jan. 0	20 35 3,456	+44 37 3,47	1823	Jan. 0	20 35 24,302	+44 39 5,05
	Apr. 10	3,385	2,74		Apr. 10	24,367	5,79
	Jul. 19	3,316	2,00		Jul. 19	24,428	6,53
	Oct. 27	3,250	1,25		Oct. 27	24,486	7,27
	Dec. 66	3,187	0,49		Dec. 66	24,540	8,01
1814	Jan. 0	20 35 5,249	+44 37 13,29	1824	Jan. 1	20 35 26,564	+44 39 20,33
	Apr. 10	5,188	12,53		Apr. 10	26,616	21,06
	Jul. 19	5,132	11,78		Jul. 19	26,662	21,77
	Oct. 27	5,080	11,05		Oct. 27	26,704	22,46
	Dec. 66	5,032	10,33		Dec. 66	26,740	23,12
1815	Jan. 0	20 35 7,089	+44 37 23,12	1825	Jan. 0	20 35 28,770	+44 39 35,47
	Apr. 10	7,045	22,42		Apr. 10	28,803	36,11
	Jul. 19	7,007	21,75		Jul. 19	28,829	36,70
	Oct. 27	6,974	21,11		Oct. 27	28,849	37,25
	Dec. 66	6,948	20,51		Dec. 66	28,863	37,75
1816	Jan. 1	20 35 8,997	+44 37 33,26	1826	Jan. 0	20 35 30,900	+44 39 50,16
	Apr. 10	8,975	32,69		Apr. 10	30,909	50,63
	Jul. 19	8,959	32,18		Jul. 19	30.912	51,04
	Oct. 27	8,949	31,72		Oct. 27	30,908	51,38
	Dec. 66	8,946	31,31		Dec. 66	30,897	51,67
1817	Jan. 0	20 35 10,987	+44 37 43,99	1827	Jan. 0	20 35 32,942	+44 40 4,15
	Apr. 10	10,988	43,62		Apr. 10	32,927	4,39
	Jul. 19	10,996	43,31		Jul. 19	32,905	4,56
	Oct. 27	11,010	43,06		Oct. 27	32,877	4,66
	Dec. 66	11,030	42,88		Dec. 66	32,842	4,69
1818	Jan. 0	20 35 13,064	+44 37 55,50	1828	Jan. 1	20 35 34,895	+44 40 17,27
	Apr. 10	13,088	55,36		Apr. 10	34,856	17,25
	Jul. 19	13,117	55,29		Jul. 19	34,812	17,16
	Oct. 27	13,152	55,28		Oct. 27	34,763	17,00
	Dec. 66	13,193	55,34		Dec. 66	34,708	16,76
1819	Jan. 0	20 35 15,220	+44 38 7,87	1829	Jan. 0	20 35 36,768	+44 40 29,43
	Apr. 10	15,265	7,98		Apr. 10	36,710	29,15
	Jul. 19	15,313	8,15		Jul. 19	36,649	28,81
	Oct. 27	15,365	8,38		Oct. 27	36,585	28,41
	Dec. 66	15,421	8,68		Dec. 66	36,517	27,94

Tabulae X. Sect. IV. *α Cygni.*

	1820		1820′		Var. 10 annor.	
	″		″			
Jan. 0	−1,605	− 7,4	+ 6,54	−26,5	0	+2
10	−1,655	− 2,6	+ 3,77	−28,5	0	+3
20	−1,656	+ 2,4	+ 0,84	−29,5	−1	+3
30	−1,608	+ 7,3	− 2,13	−29,4	−1	+3
Febr. 9	−1,510	+12,3	− 5,03	−28,1	−2	+3
19	−1,362	+17,1	− 7,74	−25,7	−2	+2
Mart. 1	−1,168	+21,6	−10,16	−22,2	−2	+2
11	−0,931	+25,7	−12,18	−17,8	−3	+2
21	−0,654	+29,4	−13,71	−12,7	−3	+1
31	−0,344	+32,4	−14,72	− 7,3	−3	+1
Apr. 10	−0,007	+34,7	−15,14	− 1,3	−3	+1
20	+0,349	+36,2	−14,98	+ 4,6	−3	0
30	+0,716	+36,9	−14,23	+10,3	−2	0
Maj. 10	+1,086	+36,6	−12,93	+15,6	−2	0
20	+1,448	+35,4	−11,12	+20,3	−2	−1
30	+1,793	+33,3	− 8,87	+24,4	−1	−1
Jun. 9	+2,113	+30,3	− 6,25	+27,7	−1	−1
19	+2,398	+26,5	− 3,33	+30,3	−1	−1
29	+2,642	+22,0	− 0,19	+32,1	0	−1
Jul. 9	+2,838	+17,0	+ 3,08	+33,0	0	−1
19	+2,981	+11,5	+ 6,40	+33,1	+1	−1
29	+3,067	+ 5,8	+ 9,69	+32,4	+1	−1
Aug. 8	+3,097	+ 0,2	+12,88	+31,1	+1	−1
18	+3,070	− 5,5	+15,91	+29,2	+2	0
28	+2,988	−10,7	+18,71	+26,6	+2	0
Sept. 7	+2,857	−15,3	+21,22	+23,5	+2	0
17	+2,683	−19,3	+23,40	+20,0	+3	+1
27	+2,472	−22,5	+25,21	+16,0	+3	+1
Oct. 7	+2,234	−24,7	+26,60	+11,6	+3	+1
17	+1,979	−25,9	+27,53	+ 7,0	+3	+2
27	+1,716	−26,2	+28,00	+ 2,3	+3	+2
Nov. 6	+1,456	−25,5	+27,98	− 2,7	+3	+3
16	+1,207	−23,9	+27,46	− 7,7	+3	+3
26	+0,979	−21,4	+26,44	−12,6	+2	+4
Dec. 6	+0,780	−18,2	+24,95	−17,1	+2	+4
16	+0,615	−14,5	+23,02	−21,2	+2	+4
26	+0,491	−10,2	+20,71	−24,7	+1	+5
. 36	+0,412	− 5,6	+18,09	−27,4	+1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	20 34 57,4728	+44 36 22,958
1811	34 59,5136	36 35,499
1812	35 1,5545	36 48,042
1813	35 3,5954	37 0,588
1814	35 5,6363	37 13,136
1815	35 7,6773	37 25,686
1816	35 9,7183	37 38,238
1817	35 11,7593	37 50,793
1818	35 13,8003	38 3,350
1819	35 15,8413	38 15,909
1820	35 17,8823	38 28,470
1821	35 19,9234	38 41,034
1822	35 21,9645	58 53,600
1823	35 24,0056	39 6,168
1824	35 26,0468	39 18,738
1825	35 28,0880	39 31,311
1826	35 30,1292	39 43,886
1827	35 32,1704	39 56,463
1828	35 34,2117	40 9,043
1829	35 36,2530	40 21,625
1830	35 38,2943	40 34,209

Diei reducto addendum est:

ante	Jan. 25	0
post		+ 1

. In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Aquarii.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	21 56 1,667	— 1 14 10,95	1820	Jan. 1	21 56 32,060	— 1 11 30,64
	Apr. 10	1,574	11,34		Apr. 10	32,153	30,15
	Jul. 19	1,479	11,77		Jul. 19	32,245	29,62
	Oct. 27	1,383	12,26		Oct. 27	32,336	29,06
	Dec. 66	1,285	12,79		Dec. 66	32,427	28,47
1811	Jan. 0	21 56 4,402	— 1 13 55,43	1821	Jan. 0	21 56 35,481	— 1 11 11,48
	Apr. 10	4,305	55,99		Apr. 10	35,571	10,87
	Jul. 19	4,209	56,58		Jul. 19	35,657	10,24
	Oct. 27	4,115	57,20		Oct. 27	35,740	9,59
	Dec. 66	4,023	57,85		Dec. 66	35,820	8,93
1812	Jan. 1	21 56 7,137	— 1 13 40,46	1822	Jan. 0	21 56 38,878	— 1 10 51,96
	Apr. 10	7,047	41,13		Apr. 10	38,955	51,29
	Jul. 19	6,962	41,80		Jul. 19	39,026	50,63
	Oct. 27	6,882	42,48		Oct. 27	39,092	49,96
	Dec. 66	6,806	43,17		Dec. 66	39,152	49,30
1813	Jan. 0	21 56 9,915	— 1 13 25,76	1823	Jan. 0	21 56 42,216	— 1 10 32,32
	Apr. 10	9,843	26,45		Apr. 10	42,272	31,67
	Jul. 19	9,778	27,13		Jul. 19	42,320	31,04
	Oct. 27	9,720	27,80		Oct. 27	42,361	30,43
	Dec. 66	9,670	28,45		Dec. 66	42,394	29,85
1814	Jan. 0	21 56 12,770	— 1 13 11,05	1824	Jan. 1	21 56 45,468	— 1 10 12,83
	Apr. 10	12,725	11,69		Apr. 10	45,496	12,27
	Jul. 19	12,688	12,29		Jul. 19	45,515	11,75
	Oct. 27	12,659	12,86		Oct. 27	45,526	11,26
	Dec. 66	12,639	13,39		Dec. 66	45,528	10,82
1815	Jan. 0	21 56 15,729	— 1 12 56,04	1825	Jan. 0	21 56 48,612	— 1 9 53,75
	Apr. 10	15,715	56,54		Apr. 10	48,608	53,34
	Jul. 19	15,710	57,00		Jul. 19	48,596	52,99
	Oct. 27	15,713	57,41		Oct. 27	48,575	52,69
	Dec. 66	15,725	57,77		Dec. 66	48,546	52,44
1816	Jan. 1	21 56 18,804	— 1 12 40,47	1826	Jan. 0	21 56 51,640	— 1 9 35,31
	Apr. 10	18,822	40,80		Apr. 10	51,605	35,10
	Jul. 19	18,848	41,07		Jul. 19	51,562	34,96
	Oct. 27	18,882	41,28		Oct. 27	51,510	34,87
	Dec. 66	18,925	41,43		Dec. 66	51,451	34,86
1817	Jan. 0	21 56 21,994	— 1 12 24,19	1827	Jan. 0	21 56 54,555	— 1 9 17,64
	Apr. 10	22,041	24,30		Apr. 10	54,492	17,67
	Jul. 19	22,095	24,36		Jul. 19	54,422	17,76
	Oct. 27	22,155	24,34		Oct. 27	54,346	17,91
	Dec. 66	22,222	24,27		Dec. 66	54,264	18,13
1818	Jan. 0	21 56 25,283	— 1 12 7,11	1828	Jan. 1	21 56 57,376	— 1 9 0,84
	Apr. 10	25,354	7,00		Apr. 10	57,291	1,10
	Jul. 19	25,430	6,83		Jul. 19	57,202	1,41
	Oct. 27	25,510	6,61		Oct. 27	57,110	1,78
	Dec. 66	25,594	6,33		Dec. 66	57,015	2,21
1819	Jan. 0	21 56 28,649	— 1 11 49,24	1829	Jan. 0	21 57 0,131	— 1 8 44,85
	Apr. 10	28,736	48,92		Apr. 10	0,034	45,31
	Jul. 19	28,824	48,55		Jul. 19	56 59,938	45,81
	Oct. 27	28,915	48,13		Oct. 27	59,841	46,36
	Dec. 66	29,007	47,67		Dec. 66	59,745	46,95

Tabulae X. Sect. IV. *α Aquarii.*

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	−0,840	− 5,2	− 1,30	− 7,8	+2	+1
10	−0,881	− 2,8	− 2,07	− 7,6	+2	+1
20	−0,895	− 0,1	− 2,81	− 7,1	+2	+1
30	−0,883	+ 2,6	− 3,48	− 6,2	+1	+1
Febr. 9	−0,843	+ 5,5	− 4,04	− 4,9	0	+1
19	−0,774	+ 8,5	− 4,45	− 3,2	0	0
Mart. 1	−0,674	+11,5	− 4,67	− 1,1	−1	0
11	−0,544	+14,6	− 4,66	+ 1,3	−1	0
21	−0,382	+17,8	− 4,41	+ 3,9	−2	0
31	−0,189	+21,1	− 3,88	+ 6,7	−2	0
Apr. 10	+0,034	+23,6	− 3,07	+ 9,4	−2	−1
20	+0,283	+26,2	− 2,00	+12,0	−3	−1
30	+0,557	+28,3	− 0,68	+14,3	−3	−1
Maj. 10	+0,849	+29,9	+ 0,86	+16,3	−3	−1
20	+1,154	+30,8	+ 2,58	+17,8	−3	−1
30	+1,465	+31,0	+ 4,42	+18,8	−3	−1
Jun. 9	+1,774	+30,5	+ 6,34	+19,3	−3	−1
19	+2,074	+29,1	+ 8,28	+19,3	−3	0
29	+2,356	+27,0	+10,20	+18,8	−2	0
Jul. 9	+2,614	+24,3	+12,03	+17,7	−2	0
19	+2,841	+20,8	+13,73	+16,3	−2	0
29	+3,030	+16,9	+15,28	+14,5	−1	+1
Aug. 8	+3,179	+12,7	+16,63	+12,5	−1	+1
18	+3,284	+ 8,3	+17,77	+10,3	−1	+1
28	+3,344	+ 3,9	+18,69	+ 8,1	0	+2
Sept. 7	+3,362	− 0,2	+19,39	+ 6,0	0	+2
17	+3,340	− 2,0	+19,88	+ 3,8	+1	+2
27	+3,283	− 7,2	+20,15	+ 1,8	+1	+3
Oct. 7	+3,196	− 9,9	+20,24	+ 0,1	+2	+3
17	+3,086	−11,8	+20,16	− 1,6	+2	+3
27	+2,961	−12,9	+19,93	− 3,0	+2	+3
Nov. 6	+2,829	−13,2	+19,57	− 4,2	+3	+3
16	+2,697	−12,9	+19,09	− 5,3	+3	+4
26	+2,571	−12,0	+18,51	− 6,2	+3	+4
Dec. 6	+2,457	−10,6	+17,86	− 6,9	+3	+4
16	+2,359	− 8,8	+17,14	− 7,4	+2	+4
26	+2,281	− 6,7	+16,38	− 7,7	+2	+4
36	+2,225	− 4,3	+15,61	− 7,7	+2	+3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	21 56 1,3200	− 1 14 17,322
1811	56 4,4044	14 0,148
1812	56 7,4887	13 42,972
1813	56 10,5730	13 25,794
1814	56 13,6572	13 8,613
1815	56 16,7414	12 51,430
1816	56 19,8256	12 34,245
1817	56 22,9097	12 17,057
1818	56 25,9938	11 59,867
1819	56 29,0778	11 42,675
1820	56 32,1618	11 25,480
1821	56 35,2457	11 8,283
1822	56 38,3296	10 51,084
1823	56 41,4135	10 33,883
1824	56 44,4972	10 16,680
1825	56 47,5810	9 59,474
1826	56 50,6647	9 42,266
1827	56 53,7484	9 25,056
1828	56 56,8320	9 7,843
1829	56 59,9157	8 50,628
1830	57 2,9993	8 33,410

Diei reducto addendum est:

ante } Febr. 15 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Piscis austrini.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	22 47 7,750	—30 37 32,11	1820	Jan. 1	22 47 41,318	—30 34 32,12
	Apr. 10	7,640	32,60		Apr. 10	41,420	31,56
	Jul. 19	7,532	33,13		Jul. 19	41,519	30,98
	Oct. 27	7,425	33,69		Oct. 27	41,614	30,39
	Dec. 66	7,319	34,29		Dec. 66	41,705	29,77
1811	Jan. 0	22 47 10,698	—30 37 15,26	1821	Jan. 0	22 47 45,016	—30 34 11,14
	Apr. 10	10,594	15,87		Apr. 10	45,105	10,52
	Jul. 19	10,495	16,50		Jul. 19	45,187	9,90
	Oct. 27	10,401	17,14		Oct. 27	45,264	9,28
	Dec. 66	10,311	17,79		Dec. 66	45,335	8,65
1812	Jan. 1	22 47 13,684	—30 36 58,75	1822	Jan. 0	22 47 48,653	—30 33 50,02
	Apr. 10	13,598	59,40		Apr. 10	48,719	49,40
	Jul. 19	13,520	37 0,05		Jul. 19	48,777	48,80
	Oct. 27	13,450	0,69		Oct. 27	48,827	48,21
	Dec. 66	13,387	1,33		Dec. 66	48,869	47,64
1813	Jan. 0	22 47 16,750	—30 36 42,29	1823	Jan. 0	22 47 52,196	—30 33 28,99
	Apr. 10	16,693	42,91		Apr. 10	52,231	28,44
	Jul. 19	16,646	43,51		Jul. 19	52,259	27,92
	Oct. 27	16,607	44,07		Oct. 27	52,276	27,44
	Dec. 66	16,578	44,61		Dec. 66	52,284	26,99
1814	Jan. 0	22 47 19,929	—30 36 25,61	1824	Jan. 1	22 47 55,623	—30 33 8,29
	Apr. 10	19,908	26,12		Apr. 10	55,625	7,87
	Jul. 19	19,896	26,59		Jul. 19	55,617	7,50
	Oct. 27	19,894	27,02		Oct. 27	55,599	7,17
	Dec. 66	19,901	27,40		Dec. 66	55,571	6,89
1815	Jan. 0	22 47 23,240	—30 36 8,45	1825	Jan. 0	22 47 58,922	—30 32 48,14
	Apr. 10	23,255	8,80		Apr. 10	58,888	47,90
	Jul. 19	23,279	9,10		Jul. 19	58,845	47,71
	Oct. 27	23,312	9,34		Oct. 27	58,793	47,59
	Dec. 66	23,355	9,53		Dec. 66	58,732	47,52
1816	Jan. 1	22 47 26,682	—30 35 50,64	1826	Jan. 0	22 48 2,094	—30 32 28,69
	Apr. 10	26,730	50,79		Apr. 10	2,028	28,66
	Jul. 19	26,787	50,88		Jul. 19	1,954	28,69
	Oct. 27	26,852	50,92		Oct. 27	1,874	28,79
	Dec. 66	26,924	50,89		Dec. 66	1,786	28,94
1817	Jan. 0	22 47 30,241	—30 35 32,08	1827	Jan. 0	22 48 5,156	—30 32 10,04
	Apr. 10	30,318	32,01		Apr. 10	5,064	10,23
	Jul. 19	30,400	31,89		Jul. 19	4,968	10,48
	Oct. 27	30,488	31,72		Oct. 27	4,868	10,78
	Dec. 66	30,581	31,49		Dec. 66	4,763	11,14
1818	Jan. 0	22 47 33,891	—30 35 12,74	1828	Jan. 1	22 48 8,138	—30 31 52,17
	Apr. 10	33,987	12,48		Apr. 10	8,031	52,56
	Jul. 19	34,085	12,17		Jul. 19	7,924	53,00
	Oct. 27	34,186	11,81		Oct. 27	7,815	53,48
	Dec. 66	34,290	11,40		Dec. 66	7,706	54,00
1819	Jan. 0	22 47 37,597	—30 34 52,71	1829	Jan. 0	22 48 11,082	—30 31 34,97
	Apr. 10	37,701	52,28		Apr. 10	10,973	35,52
	Jul. 19	37,805	51,81		Jul. 19	10,867	36,10
	Oct. 27	37,908	51,31		Oct. 27	10,764	36,70
	Dec. 66	38,011	50,77		Dec. 66	10,663	37,33

Tabulae X. Sect. IV. *α Piscis austrini.*

	1820		1820		Var. 10 annor.	
	″		″			
Jan. 0	—0,709	—10,0	— 9,99	+ 2,7	+4	0
10	—0,798	— 7,7	— 9,59	+ 5,4	+4	0
20	—0,863	— 5,2	— 8,91	+ 8,2	+3	—1
30	—0,901	— 2,4	— 7,96	+10,7	+3	—1
Febr. 9	—0,910	+ 0,7	— 6,78	+13,0	+2	—2
19	—0,887	+ 4,0	— 5,36	+15,2	+1	—2
Mart. 1	—0,831	+ 7,4	— 3,74	+17,2	+1	—2
11	—0,739	+11,0	— 1,93	+18,9	0	—2
21	—0,611	+14,8	+ 0,04	+20,4	—1	—3
31	—0,444	+18,6	+ 2,14	+21,5	—2	—3
Apr. 10	—0,240	+22,2	+ 4,33	+22,2	—2	—3
20	0,000	+25,7	+ 6,58	+22,6	—3	—2
30	+0,274	+28,9	+ 8,84	+22,4	—3	—2
Maj. 10	+0,578	+31,6	+11,06	+21,8	—4	—2
20	+0,905	+33,6	+13,19	+20,6	—4	—2
30	+1,249	+34,9	+15,17	+18,9	—4	—1
Jun. 9	+1,602	+35,3	+16,96	+16,7	—5	—1
19	+1,955	+34,9	+18,51	+14,1	—5	0
29	+2,299	+33,5	+19,78	+11,2	—5	0
Jul. 9	+2,625	+31,3	+20,74	+ 7,9	—5	+1
19	+2,924	+28,2	+21,36	+ 4,5	—4	+1
29	+3,188	+24,4	+21,64	+ 1,1	—4	+2
Aug. 8	+3,411	+20,1	+21,57	— 2,4	—4	+3
18	+3,589	+15,3	+21,17	— 5,6	—3	+3
28	+3,717	+10,4	+20,46	— 8,3	—3	+3
Sept. 7	+3,796	+ 5,4	+19,51	—10,6	—2	+4
17	+3,825	+ 0,7	+18,34	—12,4	—2	+4
27	+3,809	— 3,7	+17,03	—13,5	—1	+4
Oct. 7	+3,752	— 7,4	+15,64	—14,0	0	+4
17	+3,661	—10,5	+14,23	—13,8	0	+4
27	+3,542	—12,8	+12,88	—13,0	+1	+4
Nov. 6	+3,405	—14,3	+11,64	—11,6	+1	+4
16	+3,257	—15,0	+10,57	— 9,6	+2	+4
26	+3,105	—15,0	+ 9,72	— 7,3	+2	+3
Dec. 6	+2,958	—14,2	+ 9,12	— 4,7	+2	+3
16	+2,821	—13,0	+ 8,78	— 2,0	+2	+2
26	+2,699	—11,3	+ 8,73	+ 0,9	+2	+2
36	+2,596	— 9,2	+ 8,96	+ 3,7	+2	+1

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1810	22 47 7 6846	—30 37 36,970
1811	47 11,0280	37 18,148
1812	47 14,3711	36 59,324
1813	47 17,7140	36 40,499
1814	47 21,0567	36 21,672
1815	47 24,3992	36 2,844
1816	47 27,7415	35 44,014
1817	47 31,0835	35 25,183
1818	47 34,4253	35 6,350
1819	47 37,7669	34 47,516
1820	47 41,1083	34 28,680
1821	47 44,4495	34 9,843
1822	47 47,7905	33 51,004
1823	47 51,1312	33 32,164
1824	47 54,4717	33 13,323
1825	47 57,8120	32 54,480
1826	48 1,1521	32 35,635
1827	48 4,4920	32 16,789
1828	48 7,8317	31 57,941
1829	48 11,1710	31 39,092
1830	48 14,5102	31 20,242

Diei reducto addendum est:

ante } Febr. 28 { 0
post } Febr. 28 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Pegasi.*

		h ′ ″	° ′ ″
1810	Jan. 0	22 55 18,744	+14 11 11,12
	Apr. 10	18,658	10,61
	Jul. 19	18,570	10,07
	Oct. 27	18,479	9,50
	Dec. 66	18,385	8,90
1811	Jan. 0	22 55 21,397	+14 11 28,35
	Apr. 10	21,302	27,73
	Jul. 19	21,208	27,10
	Oct. 27	21,114	26,46
	Dec. 66	21,020	25,81
1812	Jan. 1	22 55 24,032	+14 11 45,28
	Apr. 10	23,939	44,63
	Jul. 19	23,850	43,99
	Oct. 27	23,765	43,36
	Dec. 66	23,683	42,74
1813	Jan. 0	22 55 26,690	+14 12 2,19
	Apr. 10	26,611	1,58
	Jul. 19	26,538	1,01
	Oct. 27	26,471	0,46
	Dec. 66	26,410	11 59,94
1814	Jan. 0	22 55 29,410	+14 12 19,36
	Apr. 10	29,354	18,87
	Jul. 19	29,305	18,42
	Oct. 27	29,264	18,02
	Dec. 66	29,230	17,66
1815	Jan. 0	22 55 32,221	+14 12 37,03
	Apr. 10	32,193	36,71
	Jul. 19	32,174	36,44
	Oct. 27	32,163	36,23
	Dec. 66	32,160	36,07
1816	Jan. 1	22 55 35,141	+14 12 55,37
	Apr. 10	35,144	55,25
	Jul. 19	35,155	55,19
	Oct. 27	35,175	55,18
	Dec. 66	35,203	55,23
1817	Jan. 0	22 55 38,173	+14 13 14,46
	Apr. 10	38,206	14,55
	Jul. 19	38,247	14,69
	Oct. 27	38,294	14,89
	Dec. 66	38,349	15,14
1818	Jan. 0	22 55 41,311	+14 13 34,31
	Apr. 10	41,370	34,60
	Jul. 19	41,434	34,93
	Oct. 27	41,504	35,31
	Dec. 66	41,579	35,73
1819	Jan. 0	22 55 44,534	+14 13 54,84
	Apr. 10	44,612	55,29
	Jul. 19	44,693	55,77
	Oct. 27	44,777	56,29
	Dec. 66	44,864	56,84
1820	Jan. 1	22 55 47,816	+14 14 15,91
	Apr. 10	47,905	16,47
	Jul. 19	47,994	17,05
	Oct. 27	48,084	17,65
	Dec. 66	48,175	18,27
1821	Jan. 0	22 55 51,125	+14 14 37,32
	Apr. 10	51,215	37,95
	Jul. 19	51,304	38,56
	Oct. 27	51,390	39,17
	Dec. 66	51,474	39,79
1822	Jan. 0	22 55 54,427	+14 14 58,84
	Apr. 10	54,509	59,45
	Jul. 19	54,587	15 0,04
	Oct. 27	54,661	0,61
	Dec. 66	54,730	1,17
1823	Jan. 0	22 55 57,688	+14 15 20,25
	Apr. 10	57,753	20,78
	Jul. 19	57,812	21,28
	Oct. 27	57,864	21,74
	Dec. 66	57,910	22,17
1824	Jan. 1	22 56 0,876	+14 15 41,29
	Apr. 10	0,917	41,69
	Jul. 19	0,950	42,04
	Oct. 27	0,974	42,34
	Dec. 66	0,991	42,59
1825	Jan. 0	22 56 3,968	+14 16 1,77
	Apr. 10	3,979	1,99
	Jul. 19	3,981	2,14
	Oct. 27	3,975	2,24
	Dec. 66	3,960	2,27
1826	Jan. 0	22 56 6,947	+14 16 21,53
	Apr. 10	6,926	21,53
	Jul. 19	6,897	21,47
	Oct. 27	6,860	21,35
	Dec. 66	6,815	21,17
1827	Jan. 0	22 56 9,812	+14 16 40,51
	Apr. 10	9,761	40,29
	Jul. 19	9,704	40,02
	Oct. 27	9,640	39,69
	Dec. 66	9,569	39,31
1828	Jan. 1	22 56 12,575	+14 16 58,71
	Apr. 10	12,500	58,30
	Jul. 19	12,421	57,84
	Oct. 27	12,337	57,35
	Dec. 66	12,248	56,81
1829	Jan. 0	22 56 15,260	+14 17 16,26
	Apr. 10	15,169	15,70
	Jul. 19	15,077	15,12
	Oct. 27	14,984	14,51
	Dec. 66	14,889	13,88

Tabulae X. Sect. IV. *α Pegasi.*

	1820		1820		Var. 10 annor.	
Jan. 0	−0″,558	− 9,6	+ 3″,44	−10,6	+3	+2
10	−0,647	− 8,0	+ 2,32	−11,7	+2	+2
20	−0,717	− 6,0	+ 1,10	−12,5	+2	+2
30	−0,767	− 3,8	− 0,17	−12,6	+2	+2
Febr. 9	−0,792	− 1,1	− 1,42	−12,2	+1	+2
19	−0,789	+ 1,9	− 2,60	−11,2	+1	+2
Mart. 1	−0,755	+ 5,1	− 3,65	− 9,5	0	+2
11	−0,637	+ 8,7	− 4,50	− 7,2	−1	+1
21	−0,582	+12,4	− 5,09	− 4,5	−1	+1
31	−0,440	+16,1	− 5,39	− 1,4	−1	+1
Apr. 10	−0,261	+19,7	− 5,36	+ 2,0	−2	0
20	−0,046	+23,2	− 4,99	+ 5,6	−2	0
30	+0,202	+26,2	− 4,25	+ 9,1	−2	0
Maj. 10	+0,477	+28,6	− 3,18	+12,4	−3	−1
20	+0,774	+30,5	− 1,78	+15,4	−3	−1
30	+1,086	+31,6	− 0,10	+18,0	−3	−1
Jun. 9	+1,406	+31,9	+ 1,82	+20,1	−3	−1
19	+1,723	+31,3	+ 3,92	+21,6	−2	−2
29	+2,031	+29,9	+ 6,14	+22,6	−2	−2
Jul. 9	+2,321	+27,8	+ 8,44	+23,1	−2	−2
19	+2,586	+24,9	+10,75	+22,9	−2	−1
29	+2,819	+21,5	+13,01	+22,1	−1	−1
Aug. 8	+3,015	+17,6	+15,17	+21,0	−1	−1
18	+3,171	+13,5	+17,20	+19,5	0	−1
28	+3,285	+ 9,3	+19,06	+17,6	0	−1
Sept. 7	+3,356	+ 5,1	+20,72	+15,5	+1	0
17	+3,387	+ 1,3	+22,15	+13,2	+1	0
27	+3,381	− 2,4	+23,35	+10,8	+2	0
Oct. 7	+3,340	− 5,5	+24,30	+ 8,3	+2	+1
17	+3,272	− 7,9	+25,01	+ 5,9	+3	+1
27	+3,182	− 9,9	+25,47	+ 3,4	+3	+2
Nov. 6	+3,075	−11,3	+25,68	+ 0,9	+3	+2
16	+2,957	−12,0	+25,65	− 1,5	+3	+2
26	+2,835	−12,3	+25,39	− 3,7	+4	+3
Dec. 6	+2,712	−12,1	+24,91	− 5,9	+4	+3
16	+2,593	−11,4	+24,22	− 7,9	+4	+3
26	+2,485	−10,3	+23,34	− 9,6	+3	+3
36	+2,388	− 9,0	+22,30	−11,1	+3	+3

	A. R. med.	Decl. med.
1810	22ʰ 55′ 18″,2612	+14° 11′ 6″,523
1811	55 21,2416	11 25,770
1812	55 24,2221	11 45,019
1813	55 27,2026	12 4,269
1814	55 30,1832	12 23,520
1815	55 33,1638	12 42,772
1816	55 36,1445	13 2,025
1817	55 39,1252	13 21,279
1818	55 42,1060	13 40,535
1819	55 45,0869	13 59,792
1820	55 48,0678	14 19,050
1821	55 51,0488	14 38,309
1822	55 54,0298	14 57,569
1823	55 57,0109	15 16,830
1824	55 59,9919	15 36,093
1825	56 2,9730	15 55,357
1826	56 5,9542	16 14,622
1827	56 8,9355	16 33,888
1828	56 11,9168	16 53,155
1829	56 14,8982	17 12,423
1830	56 17,8797	17 31,692

Diei reducto addendum est:

ante } Mart. 2 { 0
post } Mart. 2 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Andromedae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1810	Jan. 0	23 58 36,027	+ 28 2 29,90	1820	Jan. 1	23 59 5,702	+ 28 5 45,83
	Apr. 10	35,943	29,30		Apr. 10	5,793	46,43
	Jul. 19	35,855	28,68		Jul. 19	5,885	47,03
	Oct. 27	35,763	28,06		Oct. 27	5,980	47,62
	Dec. 66	35,667	27,43		Dec. 66	6,076	48,22
1811	Jan. 0	23 58 38,775	+ 28 2 47,54	1821	Jan. 0	23 59 9,121	+ 28 6 7,92
	Apr. 10	38,677	46,91		Apr. 10	9,218	8,51
	Jul. 19	38,577	46,29		Jul. 19	9,314	9,07
	Oct. 27	38,477	45,68		Oct. 27	9,409	9,61
	Dec. 66	38,376	45,07		Dec. 66	9,504	10,14
1812	Jan. 1	23 58 41,485	+ 28 3 5,18	1822	Jan. 0	23 59 12,550	+ 28 6 29,87
	Apr. 10	41,384	4,59		Apr. 10	12,643	30,37
	Jul. 19	41,285	4,03		Jul. 19	12,733	30,84
	Oct. 27	41,188	3,50		Oct. 27	12,820	31,27
	Dec. 66	41,094	3,01		Dec. 66	12,903	31,67
1813	Jan. 0	23 58 44,200	+ 28 3 23,07	1823	Jan. 0	23 59 15,954	+ 28 6 51,45
	Apr. 10	44,108	22,60		Apr. 10	16,032	51,82
	Jul. 19	44,022	22,17		Jul. 19	16,106	52,14
	Oct. 27	43,940	21,79		Oct. 27	16,173	52,41
	Dec. 66	43,864	21,45		Dec. 66	16,235	52,64
1814	Jan. 0	23 58 46,965	+ 28 3 41,47	1824	Jan. 1	23 59 19,292	+ 28 7 12,47
	Apr. 10	46,893	41,16		Apr. 10	19,349	12,66
	Jul. 19	46,828	40,91		Jul. 19	19,398	12,80
	Oct. 27	46,771	40,72		Oct. 27	19,439	12,88
	Dec. 66	46,721	40,58		Dec. 66	19,471	12,90
1815	Jan. 0	23 58 49,813	+ 28 4 0,52	1825	Jan. 0	23 59 22,539	+ 28 7 32,81
	Apr. 10	49,768	0,42		Apr. 10	22,566	32,79
	Jul. 19	49,733	0,38		Jul. 19	22,584	32,72
	Oct. 27	49,706	0,39		Oct. 27	22,593	32,59
	Dec. 66	49,689	0,46		Dec. 66	22,592	32,41
1816	Jan. 1	23 58 52,769	+ 28 4 20,33	1826	Jan. 0	23 59 25,671	+ 28 7 52,38
	Apr. 10	52,757	20,44		Apr. 10	25,665	52,16
	Jul. 19	52,754	20,60		Jul. 19	25,649	51,89
	Oct. 27	52,759	20,81		Oct. 27	25,624	51,56
	Dec. 66	52,774	21,08		Dec. 66	25,590	51,18
1817	Jan. 0	23 58 55,844	+ 28 4 40,89	1827	Jan. 0	23 59 28,680	+ 28 8 11,22
	Apr. 10	55,865	41,19		Apr. 10	28,640	10,81
	Jul. 19	55,894	41,53		Jul. 19	28,592	10,37
	Oct. 27	55,931	41,91		Oct. 27	28,536	9,88
	Dec. 66	55,976	42,34		Dec. 66	28,471	9,35
1818	Jan. 0	23 58 59,037	+ 28 5 2,10	1828	Jan. 1	23 59 31,572	+ 28 8 29,44
	Apr. 10	59,087	2,54		Apr. 10	31,502	28,89
	Jul. 19	59,144	3,02		Jul. 19	31,427	28,32
	Oct. 27	59,208	3,54		Oct. 27	31,346	27,73
	Dec. 66	59,279	4,09		Dec. 66	31,259	27,11
1819	Jan. 0	23 59 2,331	+ 28 5 23,81	1829	Jan. 0	23 59 34,367	+ 28 8 47,22
	Apr. 10	2,405	24,37		Apr. 10	34,276	46,60
	Jul. 19	2,484	24,94		Jul. 19	34,182	45,98
	Oct. 27	2,567	25,52		Oct. 27	34,086	45,35
	Dec. 66	2,655	26,12		Dec. 66	33,987	44,72

Tabulae X. Sect. IV. *α Andromedae.*

	1820		1820		Var. 10 annor.			A. R. med.	Decl. med.
Jan. 0	−0,205″	−13,6	+ 8,32″	− 8,3	+3	+2	1810	23ʰ 58′ 35″,3688	+ 28° 2′ 27″,526
10	−0,340	−13,1	+ 7,36	−10,9	+3	+2	1811	58 38,4440	2 47,432
20	−0,467	−12,1	+ 6,15	−13,1	+3	+3	1812	58 41,5194	3 7,339
30	−0,582	−10,6	+ 4,74	−14,8	+2	+3	1813	58 44,5949	3 27,245
Febr. 9	−0,678	− 8,4	+ 3,20	−15,8	+2	+3	1814	58 47,6706	3 47,152
							1815	58 50,7465	4 7,058
19	−0,749	− 5,5	+ 1,59	−16,2	+1	+3	1816	58 53,8226	4 26,965
Mart. 1	−0,788	− 2,1	− 0,03	−15,7	+1	+3	1817	58 56,8988	4 46,871
11	−0,791	+ 1,8	− 1,55	−14,5	0	+3	1818	58 59,9752	5 6,777
21	−0,753	+ 6,1	− 2,93	−12,6	0	+2	1819	59 3,0517	5 26,684
31	−0,670	+10,6	− 4,07	−10,0	−1	+2	1820	59 6,1285	5 46,590
							1821	59 9,2054	6 6,496
Apr. 10	−0,541	+15,2	− 4,93	− 6,9	−1	+2	1822	59 12,2825	6 26,402
20	−0,366	+19,7	− 5,44	− 3,3	−2	+1	1823	59 15,3598	6 46,309
30	−0,148	+23,8	− 5,59	+ 0,5	−2	+1	1824	59 18,4373	7 6,215
Maj. 10	+0,109	+27,4	− 5,34	+ 4,5	−2	0	1825	59 21,5150	7 26,121
20	+0,400	+30,4	− 4,70	+ 8,3	−3	0	1826	59 24,5928	7 46,027
							1827	59 27,6708	8 5,933
30	+0,717	+32,6	− 3,68	+12,0	−3	−1	1828	59 30,7490	8 25,839
Jun. 9	+1,051	+33,9	− 2,30	+15,4	−3	−1	1829	59 33,8274	8 45,745
19	+1,394	+34,3	− 0,60	+18,4	−2	−2	1830	59 36,9059	9 5,650
29	+1,737	+33,8	+ 1,37	+20,8	−2	−2			
Jul. 9	+2,070	+32,5	+ 3,56	+22,8	−2	−2			
19	+2,386	+30,3	+ 5,92	+24,1	−2	−3			
29	+2,676	+27,4	+ 8,38	+24,8	−1	−3			
Aug. 8	+2,934	+24,0	+10,88	+25,0	−1	−3			
18	+3,156	+20,3	+13,38	+24,7	0	−3			
28	+3,339	+16,2	+15,82	+23,9	0	−3			
Sept. 7	+3,480	+12,1	+18,16	+22,8	+1	−3			
17	+3,580	+ 8,0	+20,37	+21,1	+2	−2			
27	+3,640	+ 4,1	+22,37	+19,0	+2	−2			
Oct. 7	+3,662	+ 0,6	+24,17	+16,9	+3	−2			
17	+3,651	− 2,5	+25,74	+14,4	+3	−1			
27	+3,609	− 5,6	+27,05	+11,7	+4	−1			
Nov. 6	+3,540	− 7,9	+28,08	+ 8,3	+4	0			
16	+3,451	− 9,9	+28,81	+ 6,0	+5	0			
26	+3,343	−11,4	+29,25	+ 2,9	+5	+1			
Dec. 6	+3,223	−12,6	+29,38	− 0,3	+5	+1			
16	+3,092	−13,3	+29,19	− 3,5	+5	+1			
26	+2,957	−13,4	+28,69	− 6,5	+5	+2			
36	+2,820	−13,5	+27,90	− 9,3	+5	+2			

Diei reducto addendum est:

ante	Mart. 19	0
post	Mart. 19	+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. IV. *α Ursae minoris.*

		h ′ ″	″	° ′ ″	″	⊙ + ☊	☽
1810	Jan. 0	0 54 59,98	+ 0,14	88 17 39,82	− 0,65	331	592
	Apr. 10	55 0,12	− 0,04	39,17	− 0,64		
	Jul. 19	0,08	− 0,20	38,53	− 0,63		
	Oct. 27	54 59,88	− 0,37	37,90	− 0,62		
	Dec. 66	59,51		37,28			
1811	Jan. 0	0 55 13,46	− 0,49	88 17 56,97	− 0,60	277	960
	Apr. 10	12,97	− 0,66	56,37	− 0,58		
	Jul. 19	12,31	− 0,82	55,79	− 0,56		
	Oct. 27	11,49	− 0,98	55,23	− 0,52		
	Dec. 66	10,51		54,71			
1812	Jan. 1	0 55 24,74	− 1,08	88 18 14,37	− 0,50	223	328
	Apr. 10	23,66	− 1,21	13,87	− 0,45		
	Jul. 19	22,45	− 1,35	13,42	− 0,40		
	Oct. 27	21,10	− 1,47	13,02	− 0,36		
	Dec. 66	19,63		12,66			
1813	Jan. 0	0 55 34,10	− 1,55	88 18 32,26	− 0,33	170	697
	Apr. 10	32,55	− 1,62	31,93	− 0,26		
	Jul. 19	30,93	− 1,71	31,67	− 0,21		
	Oct. 27	29,22	− 1,79	31,46	− 0,16		
	Dec. 66	27,43		31,30			
1814	Jan. 0	0 55 42,08	− 1,82	88 18 50,82	− 0,11	116	065
	Apr. 10	40,26	− 1,85	50,71	− 0,06		
	Jul. 19	38,41	− 1,87	50,65	0,00		
	Oct. 27	36,54	− 1,89	50,65	+ 0,07		
	Dec. 66	34,65		50,72			
1815	Jan. 0	0 55 49,40	− 1,89	88 19 10,16	+ 0,10	062	433
	Apr. 10	47,51	− 1,85	10,26	+ 0,16		
	Jul. 19	45,66	− 1,82	10,42	+ 0,22		
	Oct. 27	43,84	− 1,78	10,64	+ 0,27		
	Dec. 66	42,06		10,91			
1816	Jan. 1	0 55 56,86	− 1,74	88 19 30,28	+ 0,30	009	801
	Apr. 10	55,12	− 1,65	30,58	+ 0,35		
	Jul. 19	53,47	− 1,56	30,93	+ 0,40		
	Oct. 27	51,91	− 1,47	31,33	+ 0,44		
	Dec. 66	50,44		31,77			
1817	Jan. 0	0 56 5,21	− 1,40	88 19 51,08	+ 0,46	955	170
	Apr. 10	3,81	− 1,27	51,54	+ 0,50		
	Jul. 19	2,54	− 1,23	52,04	+ 0,53		
	Oct. 27	1,41	− 1,01	52,57	+ 0,56		
	Dec. 66	0,40		53,13			
1818	Jan. 0	0 56 15,09	− 0,90	88 20 12,40	+ 0,57	901	538
	Apr. 10	14,19	− 0,75	12,97	+ 0,59		
	Jul. 19	13,44	− 0,59	13,56	+ 0,61		
	Oct. 27	12,85	− 0,44	14,17	+ 0,62		
	Dec. 66	12,41		14,79			
1819	Jan. 0	0 56 26,99	− 0,32	88 20 34,03	+ 0,62	847	906
	Apr. 10	26,67	− 0,15	34,65	+ 0,62		
	Jul. 19	26,52	+ 0,01	35,27	+ 0,61		
	Oct. 27	26,53	+ 0,18	35,88	+ 0,61		
	Dec. 66	26,71		36,49			

Tabulae X. Sect. IV. *α Ursae minoris.*

		h ′ ″	″	° ′ ″	″	⊙ + ☊	☽
1820	Jan. 1	0 56 41,17	+ 0,30	88 20 55,73	+ 0,59	794	274
	Apr. 10	41,47	+ 0,46	56,32	+ 0,58		
	Jul. 19	41,93	+ 0,63	56,90	+ 0,56		
	Oct. 27	42,56	+ 0,78	57,46	+ 0,54		
	Dec. 66	43,34		58,00			
1821	Jan. 0	0 56 57,68	+ 0,89	88 21 17,24	+ 0,53	740	643
	Apr. 10	58,57	+ 1,04	17,77	+ 0,49		
	Jul. 19	59,61	+ 1,17	18,26	+ 0,44		
	Oct. 27	57 0,78	+ 1,31	18,70	+ 0,40		
	Dec. 66	2,09		19,10			
1822	Jan. 0	0 57 16,34	+ 1,40	88 21 38,41	+ 0,37	686	011
	Apr. 10	17,74	+ 1,49	38,78	+ 0,33		
	Jul. 19	19,23	+ 1,60	39,11	+ 0,27		
	Oct. 27	20,83	+ 1,71	39,38	+ 0,23		
	Dec. 66	22,54		39,61			
1823	Jan. 0	0 57 36,75	+ 1,75	88 21 58,97	+ 0,19	632	379
	Apr. 10	38,50	+ 1,81	59,16	+ 0,14		
	Jul. 19	40,31	+ 1,86	59,30	+ 0,08		
	Oct. 27	42,17	+ 1,93	59,38	+ 0,02		
	Dec. 66	44,10		59,40			
1824	Jan. 1	0 57 58,33	+ 1,93	88 22 18,83	— 0,02	579	747
	Apr. 10	58 0,26	+ 1,93	18,81	— 0,07		
	Jul. 19	2,19	+ 1,92	18,74	— 0,14		
	Oct. 27	4,11	+ 1,92	18,60	— 0,18		
	Dec. 66	6,03		18,42			
1825	Jan. 0	0 58 20,36	+ 1,89	88 22 37,91	— 0,23	525	116
	Apr. 10	22,25	+ 1,82	37,68	— 0,28		
	Jul. 19	24,07	+ 1,76	37,40	— 0,33		
	Oct. 27	25,83	+ 1,69	37,07	— 0,38		
	Dec. 66	27,52		36,69			
1826	Jan. 0	0 58 42,03	+ 1,64	88 22 56,23	— 0,41	471	484
	Apr. 10	43,67	+ 1,51	55,82	— 0,46		
	Jul. 19	45,18	+ 1,38	55,36	— 0,49		
	Oct. 27	46,56	+ 1,25	54,87	— 0,54		
	Dec. 66	47,81		54,33			
1827	Jan. 0	0 59 2,56	+ 1,17	88 23 13,92	— 0,56	418	852
	Apr. 10	3,73	+ 1,00	13,36	— 0,58		
	Jul. 19	4,73	+ 0,84	12,78	— 0,61		
	Oct. 27	5,57	+ 0,68	12,17	— 0,63		
	Dec. 66	6,25		11,54			
1828	Jan. 1	0 59 21,29	+ 0,56	88 23 31,16	— 0,65	364	221
	Apr. 10	21,85	+ 0,37	30,51	— 0,64		
	Jul. 19	22,22	+ 0,19	29,87	— 0,64		
	Oct. 27	22,41	+ 0,01	29,23	— 0,65		
	Dec. 66	22,42		28,58			
1829	Jan. 0	0 59 37,77	— 0,12	88 23 48,19	— 0,65	310	589
	Apr. 10	37,65	— 0,31	47,54	— 0,62		
	Jul. 19	37,34	— 0,49	46,92	— 0,61		
	Oct. 27	36.85	— 0,68	46,31	— 0,58		
	Dec. 66	36,17		45,73			

Tabulae X. Sect. IV. *α Ursae minoris.*

	Corr. A. R. pro 1820		Variatio annua		Corr. Decl. pro 1820		Variatio annua		Mot. Arg. ⊙+☊	Mot. Arg. ☽
Jan. 0	+ 6,01″	−7,39″	+0,0694″	−230	+20,07″	+0,60″	−0,0024″	+35	000	000
10	− 1,38	−7,44	+0,0464	−248	+20,67	−0,05	+0,0011	+36	026	365
20	− 8,82	−7,22	+0,0216	−256	+20,62	−0,70	+0,0047	+35	052	730
30	−16,04	−6,71	−0,0040	−255	+19,92	−1,32	+0,0082	+31	078	095
Febr. 9	−22,75	−5,95	−0,0295	−243	+18,60	−1,86	+0,0113	+29	103	460
19	−28,70	−4,94	−0,0538	−222	+16,74	−2,33	+0,0142	+23	129	825
Mart. 1	−33,64	−3,76	−0,0760	−191	+14,41	−2,70	+0,0165	+17	155	190
11	−37,40	−2,43	−0,0951	−153	+11,71	−2,95	+0,0182	+11	181	555
21	−39,83	−1,03	−0,1104	−111	+ 8,76	−3,08	+0,0193	+ 5	207	920
31	−40,86	+0,41	−0,1215	− 64	+ 5,68	−3,08	+0,0198	− 3	233	285
Apr. 10	−40,45	+1,79	−0,1279	− 15	+ 2,60	−2,96	+0,0195	− 9	258	650
20	−38,66	+3,11	−0,1294	+ 33	− 0,36	−2,74	+0,0186	−15	284	015
30	−35,55	+4,28	−0,1261	+ 79	− 3,10	−2,41	+0,0171	−20	310	380
Maj. 10	−31,27	+5,30	−0,1182	+121	− 5,51	−2,00	+0,0151	−25	336	745
20	−25,97	+6,14	−0,1061	+160	− 7,51	−1,54	+0,0126	−28	362	110
30	−19,83	+6,78	−0,0901	+192	− 9,05	−1,02	+0,0098	−32	388	475
Jun. 9	−13,05	+7,21	−0,0709	+219	−10,07	−0,48	+0,0066	−33	413	840
19	− 5,84	+7,44	−0,0490	+240	−10,55	+0,07	+0,0033	−35	439	205
29	+ 1,60	+7,48	−0,0250	+255	−10,48	+0,63	−0,0002	−35	465	570
Jul. 9	+ 9,08	+7,34	+0,0005	+264	− 9,85	+1,16	−0,0037	−33	491	935
19	+16,42	+7,03	+0,0269	+265	− 8,69	+1,66	−0,0070	−34	517	300
29	+23,45	+6,57	+0,0534	+262	− 7,03	+2,13	−0,0104	−30	543	665
Aug. 8	+30,02	+5,96	+0,0796	+254	− 4,90	+2,56	−0,0134	−28	568	030
18	+35,98	+5,24	+0,1050	+240	− 2,34	+2,92	−0,0162	−24	594	395
28	+41,22	+4,42	+0,1290	+221	+ 0,58	+3,24	−0,0186	−21	620	760
Sept. 7	+45,64	+3,50	+0,1511	+198	+ 3,82	+3,48	−0,0207	−16	646	125
17	+49,14	+2,50	+0,1709	+171	+ 7,30	+3,67	−0,0223	−12	672	490
27	+51,64	+1,44	+0,1880	+140	+10,97	+3,77	−0,0235	− 6	698	855
Oct. 7	+53,08	+0,32	+0,2020	+104	+14,74	+3,81	−0,0241	− 1	723	220
17	+53,40	−0,83	+0,2124	+ 66	+18,55	+3,75	−0,0242	+ 4	749	585
27	+52,57	−1,98	+0,2190	+ 23	+22,30	+3,61	−0,0238	+10	775	950
Nov. 6	+50,59	−3,12	+0,2213	− 19	+25,91	+3,39	−0,0228	+16	801	315
16	+47,47	−4,21	+0,2194	− 62	+29,30	+3,06	−0,0212	+21	827	680
26	+43,26	−5,21	+0,2132	−106	+32,36	+2,66	−0,0191	+26	853	045
Dec. 6	+38,05	−6,07	+0,2026	−148	+35,02	+2,17	−0,0165	+30	879	410
16	+31,98	−6,76	+0,1878	−184	+37,19	+1,62	−0,0135	+33	904	775
26	+25,22	−7,24	+0,1694	−218	+38,81	+1,00	−0,0102	+36	930	140
36	+17,98		+0,1476		+39,81		−0,0066		956	505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori	ante	Apr. 4	+ 1
	post		+ 2
pro Culminatione inferiori	ante	Oct. 8	+ 1,5
	post		+ 2,5

Tabulae X. Sect. IV. *α Ursae minoris.*

Motus Arg.

Dies	⊙+☊	☽
1	003	037
2	005	073
3	008	110
4	010	146
5	013	183
6	016	219
7	018	256
8	021	292
9	023	329
10	026	365

Arg. ⊙ + ☊

Arg.	A. R.	Arg.
000	−0″,03 +	500
010	−0,03 +	510
020	−0,02 +	520
030	−0,02 +	530
040	−0,01 +	540
050	−0,01 +	550
060	−0,01 +	560
070	0,00	570
080	0,00	580
090	0,00	590
100	+0,01 −	600
110	+0,01 −	610
120	+0,02 −	620
130	+0,02 −	630
140	+0,02 −	640
150	+0,03 −	650
160	+0,03 −	660
170	+0,03 −	670
180	+0,04 −	680
190	+0,04 −	690
200	+0,04 −	700
210	+0,04 −	710
220	+0,05 −	720
230	+0,05 −	730
240	+0,05 −	740
250	+0,05 −	750
260	+0,05 −	760
270	+0,06 −	770
280	+0,06 −	780
290	+0,06 −	790
300	+0,06 −	800
310	+0,06 −	810
320	+0,06 −	820
330	+0,06 −	830
340	+0,06 −	840
350	+0,06 −	850
360	+0,06 −	860
370	+0,06 −	870
380	+0,06 −	880
390	+0,05 −	890
400	+0,05 −	900
410	+0,05 −	910
420	+0,05 −	920
430	+0,05 −	930
440	+0,04 −	940
450	+0,04 −	950
460	+0,04 −	960
470	+0,04 −	970
480	+0,04 −	980
490	+0,03 −	990

Arg. ☽

Arg.	Arg.	A. R.	Decl.
000	500	− 0″,20	+ 0″,02
010	510	− 0,20	+ 0,01
020	520	− 0,20	0,00
030	530	− 0,20	− 0,01
040	540	− 0,20	− 0,02
050	550	− 0,19	− 0,03
060	560	− 0,18	− 0,04
070	570	− 0,17	− 0,05
080	580	− 0,15	− 0,05
090	590	− 0,14	− 0,06
100	600	− 0,12	− 0,07
110	610	− 0,09	− 0,07
120	620	− 0,07	− 0,08
130	630	− 0,05	− 0,08
140	640	− 0,02	− 0,08
150	650	+ 0,01	− 0,08
160	660	+ 0,03	− 0,08
170	670	+ 0,06	− 0,08
180	680	+ 0,08	− 0,07
190	690	+ 0,10	− 0,07
200	700	+ 0,12	− 0,06
210	710	+ 0,14	− 0,06
220	720	+ 0,16	− 0,05
230	730	+ 0,18	− 0,04
240	740	+ 0,19	− 0,03
250	750	+ 0,20	− 0,02
260	760	+ 0,20	− 0,01
270	770	+ 0,20	0,00
280	780	+ 0,20	+ 0,01
290	790	+ 0,20	+ 0,02
300	800	+ 0,19	+ 0,03
310	810	+ 0,18	+ 0,04
320	820	+ 0,17	+ 0,05
330	830	+ 0,15	+ 0,05
340	840	+ 0,14	+ 0,06
350	850	+ 0,12	+ 0,07
360	860	+ 0,09	+ 0,07
370	870	+ 0,07	+ 0,08
380	880	+ 0,05	+ 0,08
390	890	+ 0,02	+ 0,08
400	900	− 0,01	+ 0,08
410	910	− 0,03	+ 0,08
420	920	− 0,06	+ 0,08
430	930	− 0,08	+ 0,07
440	940	− 0,10	+ 0,07
450	950	− 0,12	+ 0,06
460	960	− 0,14	+ 0,06
470	970	− 0,16	+ 0,05
480	980	− 0,18	+ 0,04
490	990	− 0,19	+ 0,03

Tabulae X. Sect. IV. *α Ursae minoris.*

	A. R. med.	+	Decl. med.	+
	h ′ ″	″	° ′ ″	″
1810	0 54 39,837	13,805	88 17 39,574	19,491
1811	54 53,642	13,884	17 59,065	19,487
1812	55 7,526	13,963	18 18,552	19,482
1813	55 21,489	14,043	18 38,034	19,477
1814	55 35,532	14,123	18 57,511	19,472
1815	55 49,655	14,204	19 16,983	19,467
1816	56 3,859	14,287	19 36,450	19,462
1817	56 18,146	14,369	19 55,912	19,458
1818	56 32,515	14,453	20 15,370	19,452
1819	56 46,968	14,537	20 34,822	19,448
1820	57 1,505	14,623	20 54,270	19,442
1821	57 16,128	14,708	21 13,712	19,436
1822	57 30,836	14,796	21 33,148	19,430
1823	57 45,632	14,884	21 52,578	19,424
1824	58 0,516	14,972	22 12,002	19,418
1825	58 15,488	15,061	22 31,420	19,413
1826	58 30,549	15,151	22 50,833	19,408
1827	58 45,701	15,243	23 10,241	19,402
1828	59 0,944	15,335	23 29,643	19,396
1829	59 16,279	15,429	23 49,039	19,389
1830	59 31,708		24 8,428	

Tabulae X. Sect. IV. δ *Ursae minoris.*

		h ′ ″	″	° ′ ″	″	☽
1810	Jan. 0	18 33 28,54		86 34 22,41		619
	Apr. 10	29,15	+ 0,61	22,56	+ 0,15	
	Jul. 19	29,75	+ 0,60	22,64	+ 0,08	
	Oct. 27	30,36	+ 0,61	22,65	+ 0,01	
	Dec. 66	30,96	+ 0,60	22,60	— 0,05	
1811	Jan. 0	18 33 11,76		86 34 25,55		987
	Apr. 10	12,36	+ 0,60	25,43	— 0,12	
	Jul. 19	12,94	+ 0,58	25,23	— 0,20	
	Oct. 27	13,48	+ 0,54	24,96	— 0,27	
	Dec. 66	14,01	+ 0,53	24,61	— 0,35	
1812	Jan. 1	18 32 54,84		86 34 27,63		355
	Apr. 10	55,35	+ 0,51	27,23	— 0,40	
	Jul. 19	55,81	+ 0,46	26,78	— 0,45	
	Oct. 27	56,23	+ 0,42	26,26	— 0,52	
	Dec. 66	56,62	+ 0,39	25,67	— 0,59	
1813	Jan. 0	18 32 37,49		86 34 28,74		723
	Apr. 10	37,85	+ 0,36	28,12	— 0,62	
	Jul. 19	38,16	+ 0,31	27,46	— 0,66	
	Oct. 27	38,41	+ 0,25	26,76	— 0,70	
	Dec. 66	38,62	+ 0,21	26,01	— 0,75	
1814	Jan. 0	18 32 19,54		86 34 29,11		092
	Apr. 10	19,71	+ 0,17	28,34	— 0,77	
	Jul. 19	19,82	+ 0,11	27,55	— 0,79	
	Oct. 27	19,88	+ 0,06	26,75	— 0,80	
	Dec. 66	19,88	0,00	25,93	— 0,82	
1815	Jan. 0	18 32 0,87		86 34 29,02		460
	Apr. 10	0,84	— 0,03	28,19	— 0,83	
	Jul. 19	0,75	— 0,09	27,37	— 0,82	
	Oct. 27	0,61	— 0,14	26,56	— 0,81	
	Dec. 66	0,41	— 0,20	25,76	— 0,80	
1816	Jan. 1	18 31 41,46		86 34 28,81		828
	Apr. 10	41,23	— 0,23	28,02	— 0,79	
	Jul. 19	40,96	— 0,27	27,26	— 0,76	
	Oct. 27	40,63	— 0,33	26 53	— 0,73	
	Dec. 66	40,27	— 0,36	25,83	— 0,70	
1817	Jan. 0	18 31 21,36		86 34 28,82		196
	Apr. 10	20,97	— 0,39	28,15	— 0,67	
	Jul. 19	20,54	— 0,43	27,53	— 0,62	
	Oct. 27	20,08	— 0,46	26,97	— 0,56	
	Dec. 66	19,59	— 0,49	26,45	— 0,52	
1818	Jan. 0	18 31 0,71		86 34 29,35		565
	Apr. 10	0,20	— 0,51	28,87	— 0,48	
	Jul. 19	30 59,67	— 0,53	28,46	— 0,41	
	Oct. 27	59,12	— 0,55	28,11	— 0,35	
	Dec. 66	58,56	— 0,56	27,82	— 0,29	
1819	Jan. 0	18 30 39,69		86 34 30,61		933
	Apr. 10	39,12	— 0,57	30,38	— 0,23	
	Jul. 19	38,54	— 0,57	30,21	— 0,17	
	Oct. 27	37,96	— 0,58	30,12	— 0,09	
	Dec. 66	37,38	— 0,58	30,10	— 0,02	

Tabulae X. Sect. IV. δ *Ursae minoris.*

		h ′ ″	″	° ′ ″	″	☽
1820	Jan. 1	18 30 18,52	— 0,58	86 34 32,77	+ 0,02	301
	Apr. 10	17,94	— 0,57	32,79	+ 0,10	
	Jul. 19	17,37	— 0,54	32,89	+ 0,17	
	Oct. 27	16,83	— 0,54	33,06	+ 0,25	
	Dec. 66	16,29		33,31		
1821	Jan. 0	18 29 57,40	— 0,52	86 34 35,87	+ 0,28	669
	Apr. 10	56,88	— 0,50	36,15	+ 0,35	
	Jul. 19	56,38	— 0,46	36,50	+ 0,42	
	Oct. 27	55,92	— 0,43	36,92	+ 0,48	
	Dec. 66	55,49		37,40		
1822	Jan. 0	18 29 36,55	— 0,41	86 34 39,85	+ 0,52	038
	Apr. 10	36,14	— 0,37	40,37	+ 0,57	
	Jul. 19	35,77	— 0,33	40,94	+ 0,62	
	Oct. 27	35,44	— 0,28	41,56	+ 0,67	
	Dec. 66	35,16		42,23		
1823	Jan. 0	18 29 16,16	— 0,25	86 34 44,59	+ 0,70	406
	Apr. 10	15,91	— 0,20	45,29	+ 0,73	
	Jul. 19	15,71	— 0,16	46,01	+ 0,76	
	Oct. 27	15,55	— 0,10	46,77	+ 0,79	
	Dec. 66	15,45		47,56		
1824	Jan. 1	18 28 56,38	— 0,07	86 34 49,86	+ 0,80	774
	Apr. 10	56,31	— 0,01	50,66	+ 0,81	
	Jul. 19	56,30	+ 0,04	51,47	+ 0,82	
	Oct. 27	56,34	+ 0,09	52,29	+ 0,82	
	Dec. 66	56,43		53,11		
1825	Jan. 0	18 28 37,28	+ 0,13	86 34 55,37	+ 0,82	143
	Apr. 10	37,41	+ 0,19	56,19	+ 0,80	
	Jul. 19	37,60	+ 0,23	56,99	+ 0,79	
	Oct. 27	37,83	+ 0,29	57,78	+ 0,76	
	Dec. 66	38,12		58,54		
1826	Jan. 0	18 28 18,90	+ 0,32	86 35 0,80	+ 0,74	511
	Apr. 10	19,22	+ 0,36	1,54	+ 0,70	
	Jul. 19	19,58	+ 0,41	2,24	+ 0,66	
	Oct. 27	19,99	+ 0,45	2,90	+ 0,62	
	Dec. 66	20,44		3,52		
1827	Jan. 0	18 28 1,16	+ 0,47	86 35 5,80	+ 0,57	879
	Apr. 10	1,63	+ 0,51	6,37	+ 0,52	
	Jul. 19	2,14	+ 0,53	6,89	+ 0,46	
	Oct. 27	2,67	+ 0,56	7,35	+ 0,39	
	Dec. 66	3,23		7,74		
1828	Jan. 1	18 27 43,91	+ 0,57	86 35 10,07	+ 0,35	247
	Apr. 10	44,48	+ 0,59	10,42	+ 0,27	
	Jul. 19	45,07	+ 0,60	10,69	+ 0,20	
	Oct. 27	45,67	+ 0,61	10,89	+ 0,12	
	Dec. 66	46,28		11,01		
1829	Jan. 0	18 27 26,94	+ 0,60	86 35 13,40	+ 0,07	616
	Apr. 10	27,54	+ 0,61	13,47	— 0,01	
	Jul. 19	28,15	+ 0,59	13,46	— 0,09	
	Oct. 27	28,74	+ 0,59	13,37	— 0,16	
	Dec. 66	29,33		13,21		

Tabulae X. Sect. IV. δ *Ursae minoris.*

	Corr. A. R. pro 1820		Variatio annua		Corr. Decl. pro 1820		Variatio annua		Mot. ☽
Jan. 0	−22,65″	−0,12″	−0,0049″	+50	−0,09″	−3,36″	−0,0278″	−3	000
10	−22,77	+0,60	+0,0001	+50	−3,45	−3,29	−0,0281	+6	365
20	−22,17	+1,30	+0,0051	+50	−6,74	−3,10	−0,0275	+15	730
30	−20,87	+1,93	+0,0101	+46	−9,84	−2,79	−0,0260	+22	095
Febr. 9	−18,94	+2,49	+0,0147	+42	−12,63	−2,38	−0,0238	+29	460
19	−16,45	+2,95	+0,0189	+34	−15,01	−1,87	−0,0209	+36	825
Mart 1	−13,50	+3,27	+0,0223	+27	−16,88	−1,31	−0,0173	+39	190
11	−10,23	+3,47	+0,0250	+18	−18,19	−0,69	−0,0134	+42	555
21	−6,76	+3,53	+0,0268	+9	−18,88	−0,06	−0,0092	+43	920
31	−3,23	+3,46	+0,0277	0	−18,94	+0,56	−0,0049	+42	285
Apr. 10	+0,23	+3,25	+0,0277	−11	−18,38	+1,16	−0,0007	+40	650
20	+3,48	+2,94	+0,0266	−19	−17,22	+1,69	+0,0033	+35	015
30	+6,42	+2,53	+0,0247	−27	−15,53	+2,17	+0,0068	+31	380
Maj. 10	+8,95	+2,02	+0,0220	−35	−13,36	+2,55	+0,0099	+24	745
20	+10,97	+1,47	+0,0185	−40	−10,81	+2,86	+0,0123	+17	110
30	+12,44	+0,87	+0,0145	−45	−7,95	+3,03	+0,0140	+9	475
Jun. 9	+13,31	+0,25	+0,0100	−48	−4,87	+3,19	+0,0149	+2	840
19	+13,56	−0,38	+0,0052	−50	−1,68	+3,22	+0,0151	−6	205
29	+13,18	−1,00	+0,0002	−50	+1,54	+3,17	+0,0145	−14	570
Jul. 9	+12,18	−1,59	−0,0048	−50	+4,71	+3,04	+0,0131	−21	935
19	+10,59	−2,14	−0,0098	−47	+7,75	+2,83	+0,0110	−28	300
29	+8,45	−2,64	−0,0145	−46	+10,58	+2,57	+0,0082	−35	665
Aug. 8	+5,81	−3,10	−0,0191	−40	+13,15	+2,26	+0,0047	−39	030
18	+2,71	−3,47	−0,0231	−36	+15,41	+1,88	+0,0008	−45	395
28	−0,76	−3,79	−0,0267	−31	+17,29	+1,48	−0,0037	−47	760
Sept. 7	−4,55	−4,02	−0,0298	−23	+18,77	+1,03	−0,0084	−51	125
17	−8,57	−4,16	−0,0321	−18	+19,80	+0,57	−0,0135	−53	490
27	−12,73	−4,23	−0,0339	−11	+20,37	+0,08	−0,0188	−53	855
Oct. 7	−16,96	−4,18	−0,0350	−2	+20,45	−0,42	−0,0241	−52	220
17	−21,14	−4,06	−0,0352	+5	+20,03	−0,91	−0,0293	−51	585
27	−25,20	−3,82	−0,0347	+12	+19,12	−1,41	−0,0344	−48	950
Nov. 6	−29,02	−3,48	−0,0335	+21	+17,71	−1,88	−0,0392	−43	315
16	−32,50	−3,06	−0,0314	+28	+15,83	−2,32	−0,0435	−39	680
26	−35,56	−2,53	−0,0286	+35	+13,51	−2,69	−0,0474	−32	045
Dec. 6	−38,09	−1,94	−0,0251	+40	+10,82	−3,01	−0,0506	−25	410
16	−40,03	−1,27	−0,0211	+45	+7,81	−3,22	−0,0531	−17	775
26	−41,30	−0,56	−0,0166	+50	+4,59	−3,34	−0,0548	−8	140
36	−41,86		−0,0116		+1,25		−0,0556		505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori	ante	Dec. 29	+1
	post		+2
pro Culminatione inferiori	ante	Jun. 29	+0,5
	post		+1,5

Tabulae X. Sect. IV. δ *Ursae minoris.*

Motus Arg.

Dies	☽
1	37
2	73
3	110
4	146
5	183
6	219
7	256
8	292
9	329
10	365

Argumentum ☽

Arg.	Arg.	A. R.	Decl.	Arg.	Arg.
0	500	— 0,01″ +	— 0,09″ +	250	750
10	510	0,00	— 0,09 +	260	760
20	520	+ 0,01 —	— 0,09 +	270	770
30	530	+ 0,02 —	— 0,08 +	280	780
40	540	+ 0,03 —	— 0,08 +	290	790
50	550	+ 0,03 —	— 0,08 +	300	800
60	560	+ 0,04 —	— 0,07 +	310	810
70	570	+ 0,05 —	— 0,06 +	320	820
80	580	+ 0,06 —	— 0,06 +	330	830
90	590	+ 0,06 —	— 0,05 +	340	840
100	600	+ 0,07 —	— 0,04 +	350	850
110	610	+ 0,07 —	— 0,03 +	360	860
120	620	+ 0,08 —	— 0,02 +	370	870
130	630	+ 0,08 —	— 0,01 +	380	880
140	640	+ 0,08 —	+ 0,01 —	390	890
150	650	+ 0,08 —	+ 0,02 —	400	900
160	660	+ 0,07 —	+ 0,03 —	410	910
170	670	+ 0,07 —	+ 0,04 —	420	920
180	680	+ 0,07 —	+ 0,05 —	430	930
190	690	+ 0,06 —	+ 0,06 —	440	940
200	700	+ 0,06 —	+ 0,06 —	450	950
210	710	+ 0,05 —	+ 0,07 —	460	960
220	720	+ 0,04 —	+ 0,08 —	470	970
230	730	+ 0,03 —	+ 0,08 —	480	980
240	740	+ 0,02 —	+ 0,08 —	490	990
250	750	+ 0,01 —	+ 0,09 —	500	1000

Tabulae X. Sectio quinta.

Adscensiones rectae et Declinationes mediae et apparentes
Stellarum 36 *fundamentalium atque* α *et* δ *Ursae minoris,*

ab Anno 1830 usque ad Annum 1850.

Tabulae X. Sect. V. *γ Pegasi.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	0 4 29,480	+14 14 15,50	1840	Jan. 1	0 5 0,463	+14 17 39,22
	Apr. 10	29,382	14,87		Apr. 10	0,555	39,76
	Jul. 19	29,285	14,27		Jul. 19	0,643	40,28
	Oct. 27	29,190	13,69		Oct. 27	0,728	40,78
	Dec. 66	29,096	13,13		Dec. 66	0,810	41,26
1831	Jan. 0	0 4 32,206	+14 14 33,34	1841	Jan. 0	0 5 3,864	+14 18 1,13
	Apr. 10	32,115	32,80		Apr. 10	3,943	1,57
	Jul. 19	32,028	32,30		Jul. 19	4,017	1,97
	Oct. 27	31,946	31,83		Oct. 27	4,086	2,34
	Dec. 66	31,868	31,40		Dec. 66	4,149	2,65
1832	Jan. 1	0 4 34,973	+14 14 51,57	1842	Jan. 0	0 5 7,209	+14 18 22,57
	Apr. 10	34,899	51,17		Apr. 10	7,268	22,86
	Jul. 19	34,832	50,82		Jul. 19	7,319	23,09
	Oct. 27	34,772	50,52		Oct. 27	7,363	23,27
	Dec. 66	34,719	50,28		Dec. 66	7,399	23,40
1833	Jan. 0	0 4 37,815	+14 15 10,38	1843	Jan. 0	0 5 10,468	+14 18 43,39
	Apr. 10	37,767	10,17		Apr. 10	10,499	43,48
	Jul. 19	37,728	10,02		Jul. 19	10,521	43,52
	Oct. 27	37,697	9,93		Oct. 27	10,535	43,50
	Dec. 66	37,675	9,89		Dec. 66	10,540	43,42
1834	Jan. 0	0 4 40,761	+14 15 29,92	1844	Jan. 1	0 5 13,620	+14 19 3,48
	Apr. 10	40,744	29,92		Apr. 10	13,619	3,36
	Jul. 19	40,736	29,97		Jul. 19	13,609	3,19
	Oct. 27	40,737	30,09		Oct. 27	13,590	2,96
	Dec. 66	40,747	30,26		Dec. 66	13,563	2,68
1835	Jan. 0	0 4 43,823	+14 15 50,22	1845	Jan. 0	0 5 16,654	+14 19 22,81
	Apr. 10	43,839	50,42		Apr. 10	16,620	22,49
	Jul. 19	43,863	50,67		Jul. 19	16,578	22,13
	Oct. 27	43,894	50,97		Oct. 27	16,528	21,72
	Dec. 66	43,933	51,32		Dec. 66	16,471	21,27
1836	Jan. 1	0 4 46,999	+14 16 11,23	1846	Jan. 0	0 5 19,572	+14 19 41,45
	Apr. 10	47,044	11,61		Apr. 10	19,509	40,97
	Jul. 19	47,096	12,03		Jul. 19	19,440	40,46
	Oct. 27	47,155	12,48		Oct. 27	19,365	39,91
	Dec. 66	47,220	12,97		Dec. 66	19,284	39,33
1837	Jan. 0	0 4 50,277	+14 16 32,83	1847	Jan. 0	0 5 22,393	+14 19 59,55
	Apr. 10	50,347	33,35		Apr. 10	22,308	58,96
	Jul. 19	50,421	33,88		Jul. 19	22,219	58,35
	Oct. 27	50,500	34,44		Oct. 27	22,127	57,73
	Dec. 66	50,583	35,01		Dec. 66	22,032	57,10
1838	Jan. 0	0 4 53,635	+14 16 54,84	1848	Jan. 1	0 5 25,145	+14 20 17,34
	Apr. 10	53,721	55,43		Apr. 10	25,048	16,71
	Jul. 19	53,809	56,02		Jul. 19	24,951	16,08
	Oct. 27	53,900	56,62		Oct. 27	24,853	15,46
	Dec. 66	53,993	57,22		Dec. 66	24,755	14,85
1839	Jan. 0	0 4 57,042	+14 17 17,05	1849	Jan. 0	0 5 27,869	+14 20 35,08
	Apr. 10	57,136	17,65		Apr. 10	27,772	34,48
	Jul. 19	57,229	18,24		Jul. 19	27,678	33,91
	Oct. 27	57,322	18,82		Oct. 27	27,586	33,37
	Dec. 66	57,414	19,38		Dec. 66	27,497	32,85

Tabulae X. Sect. V. γ *Pegasi.*

	1840		1840		Var. 10 annor.	
Jan. 0	−0,146″	−11,3	+ 3,81″	− 7,6	+3	+2
10	−0,259	−11,0	+ 2,99	− 8,8	+3	+2
20	−0,366	−10,3	+ 2,05	− 9,8	+3	+2
30	−0,464	− 9,1	+ 1,04	−10,2	+2	+2
Febr. 9	−0,547	− 7,3	+ 0,01	−10,2	+2	+2
19	−0,609	− 6,0	− 1,00	− 9,7	+2	+2
Mart. 1	−0,646	− 2,1	− 1,93	− 8,7	+1	+2
11	−0,651	+ 1,3	− 2,73	− 7,1	0	+2
21	−0,621	+ 5,0	− 3,34	− 5,0	0	+1
31	−0,551	+ 9,1	− 3,73	− 2,0	−1	+1
Apr. 10	−0,440	+13,2	− 3,84	+ 0,4	−1	+1
20	−0,287	+17,4	− 3,65	+ 3,5	−2	0
30	−0,093	+21,3	− 3,14	+ 6,7	−2	0
Maj. 10	+0,138	+24,8	− 2,32	+ 9,8	−2	−1
20	+0,402	+27,7	− 1,19	+12,8	−2	−1
30	+0,692	+30,0	+ 0,23	+15,4	−2	−1
Jun. 9	+1,002	+31,5	+ 1,89	+17,7	−3	−2
19	+1,322	+32,2	+ 3,76	+19,5	−2	−2
29	+1,645	+32,0	+ 5,78	+20,7	−2	−2
Jul. 9	+1,962	+31,0	+ 7,90	+21,5	−2	−2
19	+2,264	+29,2	+10,08	+21,7	−2	−2
29	+2,545	+26,8	+12,24	+21,3	−2	−2
Aug. 8	+2,799	+23,7	+14,34	+20,5	−1	−2
18	+3,019	+20,2	+16,34	+19,3	−1	−2
28	+3,203	+16,5	+18,20	+17,7	0	−2
Sept. 7	+3,348	+12,6	+19,88	+15,8	0	−2
17	+3,455	+ 8,9	+21,36	+13,2	+1	−1
27	+3,525	+ 5,2	+22,62	+11,1	+1	−1
Oct. 7	+3,559	+ 1,8	+23,67	+ 9,3	+2	−1
17	+3,561	− 1,3	+24,48	+ 7,1	+2	0
27	+3,534	− 3,9	+25,08	+ 4,9	+3	0
Nov. 6	+3,483	− 6,1	+25,45	+ 2,6	+3	0
16	+3,413	− 7,9	+25,60	+ 0,6	+4	+1
26	+3,326	− 9,3	+25,56	− 1,5	+4	+1
Dec. 6	+3,227	−10,4	+25,31	− 3,4	+4	+1
16	+3,118	−11,1	+24,89	− 5,1	+4	+1
26	+3,006	−11,3	+24,29	− 6,8	+4	+2
36	+2,892	−11,4	+23,54	− 8,2	+4	+2

	A. R. med.	Decl. med.
1830	0h 4′ 29″,4552	+14° 14′ 16″,497
1831	4 32,5347	14 36,524
1832	4 35,6143	14 56,551
1833	4 38,6940	15 16,578
1834	4 41,7738	15 36,605
1835	4 44,8538	15 56,631
1836	4 47,9338	16 16,658
1837	4 51,0139	16 36,684
1838	4 54,0941	16 56,710
1839	4 57,1744	17 16,736
1840	5 0,2549	17 36,762
1841	5 3,3354	17 56,788
1842	5 6,4160	18 16,813
1843	5 9,4967	18 36,839
1844	5 12,5775	18 56,864
1845	5 15,6584	19 16,889
1846	5 18,7394	19 36,914
1847	5 21,8205	19 56,939
1848	5 24,9017	20 16,964
1849	5 27,9830	20 36,989
1850	5 31,0643	20 57,013

Diei reducto addendum est:

ante } Mart. 21 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Arietis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	1 57 36,484	+22 39 10,56	1840	Jan. 1	1 58 10,168	+22 42 14,93
	Apr. 10	36,376	10,09		Apr. 10	10,269	15,26
	Jul. 19	36,269	9,67		Jul. 19	10,367	15,54
	Oct. 27	36,164	9,30		Oct. 27	10,462	15,77
	Dec. 66	36,061	8,99		Dec. 66	10,554	15,94
1831	Jan. 0	1 57 39,453	+22 39 26,41	1841	Jan. 0	1 58 13,884	+22 42 33,19
	Apr. 10	39,350	26,13		Apr. 10	13,973	33,31
	Jul. 19	39,253	25,92		Jul. 19	14,057	33,38
	Oct. 27	39,160	25,77		Oct. 27	14,135	33,39
	Dec. 66	39,073	25,69		Dec. 66	14,207	33,33
1832	Jan. 1	1 57 42,460	+22 39 43,03	1842	Jan. 0	1 58 17,544	+22 42 50,66
	Apr. 10	42,376	42,99		Apr. 10	17,611	50,56
	Jul. 19	42,299	43,01		Jul. 19	17,671	50,41
	Oct. 27	42,230	43,09		Oct. 27	17,723	50,20
	Dec. 66	42,168	43,23		Dec. 66	17,768	49,94
1833	Jan. 0	1 57 45,546	+22 40 0,50	1843	Jan. 0	1 58 21,114	+22 43 7,33
	Apr. 10	45,490	0,69		Apr. 10	21,152	7,03
	Jul. 19	45,442	0,93		Jul. 19	21,181	6,67
	Oct. 27	45,404	1,23		Oct. 27	21,201	6,26
	Dec. 66	45,374	1,59		Dec. 66	21,211	5,79
1834	Jan. 0	1 57 48,741	+22 40 18,78	1844	Jan. 1	1 58 24,568	+22 43 23,24
	Apr. 10	48,718	19,17		Apr. 10	24,572	22,75
	Jul. 19	48,704	19,61		Jul. 19	24,566	22,22
	Oct. 27	48,700	20,09		Oct. 27	24,550	21,65
	Dec. 66	48,706	20,62		Dec. 66	24,525	21,05
1835	Jan. 0	1 57 52,061	+22 40 37,76	1845	Jan. 0	1 58 27,895	+22 43 38,55
	Apr. 10	52,074	38,31		Apr. 10	27,862	37,92
	Jul. 19	52,095	38,88		Jul. 19	27,821	37,28
	Oct. 27	52,125	39,49		Oct. 27	27,771	36,62
	Dec. 66	52,164	40,12		Dec. 66	27,712	35,94
1836	Jan. 1	1 57 55,509	+22 40 57,22	1846	Jan. 0	1 58 31,093	+22 43 53,46
	Apr. 10	55,554	57,86		Apr. 10	31,028	52,77
	Jul. 19	55,607	58,51		Jul. 19	30,956	52,09
	Oct. 27	55,667	59,17		Oct. 27	30,877	51,42
	Dec. 66	55,735	59,83		Dec. 66	30,790	50,76
1837	Jan. 0	1 57 59,071	+22 41 16,92	1847	Jan. 0	1 58 34,181	+22 44 8,25
	Apr. 10	59,144	17,59		Apr. 10	34,091	7,58
	Jul. 19	59,222	18,24		Jul. 19	33,996	6,94
	Oct. 27	59,305	18,88		Oct. 27	33,897	6,34
	Dec. 66	59,394	19,50		Dec. 66	33,794	5,78
1838	Jan. 0	1 58 2,723	+22 41 36,60	1848	Jan. 1	1 58 37,190	+22 44 23,26
	Apr. 10	2,816	37,22		Apr. 10	37,085	22,66
	Jul. 19	2,911	37,80		Jul. 19	36,979	22,12
	Oct. 27	3,009	38,35		Oct. 27	36,872	21,64
	Dec. 66	3,109	38,87		Dec. 66	36,763	21,21
1839	Jan. 0	1 58 6,435	+22 41 56,01	1849	Jan. 0	1 58 40,161	+22 44 38,63
	Apr. 10	6,537	56,51		Apr. 10	40,054	38,23
	Jul. 19	6,639	56,97		Jul. 19	39,950	37,89
	Oct. 27	6,741	57,38		Oct. 27	39,848	37,61
	Dec. 66	6,842	57,74		Dec. 66	39,749	37,38

Tabulae X. Sect. V. *α Arietis.*

	1840		1840		Var. 10 annor.	
Jan. 0	+0,559″	−10,5	+ 5,93″	− 2,2	+4	+1
10	+0,444	−12,4	+ 5,62	− 3,9	+4	+1
20	+0,311	−13,9	+ 5,15	− 5,5	+4	+1
30	+0,167	−14,7	+ 4,52	− 7,0	+4	+2
Febr. 9	+0,018	−14,7	+ 3,76	− 8,1	+3	+2
19	−0,127	−13,9	+ 2,90	− 8,9	+3	+2
Mart. 1	−0,259	−12,2	+ 1,98	− 9,3	+3	+2
11	−0,371	− 9,7	+ 1,05	− 9,2	+2	+2
21	−0,452	− 6,3	+ 0,15	− 8,6	+2	+2
31	−0,497	− 2,3	− 0,66	− 7,4	+1	+2
Apr. 10	−0,498	+ 2,2	− 1,33	− 5,8	0	+2
20	−0,453	+ 7,0	− 1,81	− 3,7	0	+1
30	−0,358	+12,0	− 2,07	− 1,3	−1	+1
Maj. 10	−0,214	+16,7	− 2,07	+ 1,4	−1	0
20	−0,025	+21,1	− 1,80	+ 4,1	−1	0
30	+0,208	+25,1	− 1,25	+ 6,9	−2	−1
Jun. 9	+0,476	+28,3	− 0,42	+ 9,6	−2	−1
19	+0,773	+30,8	+ 0,66	+12,0	−2	−2
29	+1,091	+32,4	+ 1,97	+14,1	−2	−2
Jul. 9	+1,421	+33,2	+ 3,47	+15,8	−2	−2
19	+1,755	+33,2	+ 5,13	+17,1	−2	−3
29	+2,085	+32,5	+ 6,88	+17,9	−2	−3
Aug. 8	+2,404	+31,1	+ 8,70	+18,3	−2	−4
18	+2,706	+29,0	+10,53	+18,2	−2	−4
28	+2,984	+26,5	+12,33	+17,6	−1	−4
Sept. 7	+3,236	+23,8	+14,05	+16,8	−1	−4
17	+3,459	+20,7	+15,69	+15,7	0	−4
27	+3,650	+17,5	+17,19	+14,3	0	−4
Oct. 7	+3,809	+14,3	+18,55	+12,8	+1	−4
17	+3,936	+11,2	+19,75	+11,2	+2	−4
27	+4,032	+ 8,0	+20,78	+ 9,5	+2	−4
Nov. 6	+4,096	+ 5,0	+21,64	+ 7,8	+3	−4
16	+4,131	+ 2,0	+22,33	+ 6,0	+4	−3
26	+4,135	− 1,0	+22,84	+ 4,3	+4	−3
Dec. 6	+4,111	− 3,9	+23,18	+ 2,5	+5	−3
16	+4,058	− 6,6	+23,34	+ 0,7	+5	−2
26	+3,980	− 9,0	+23,32	− 1,1	+5	−2
36	+3,878	−11,3	+23,13	− 2,8	+6	−2

	A. R. med.	Decl. med.
1830	1h 57′ 36,4043″	+22° 39′ 15,697″
1831	57 39,7620	39 33,021
1832	57 43,1199	39 50,344
1833	57 46,4780	40 7,663
1834	57 49,8363	40 24,981
1835	57 53,1945	40 42,295
1836	57 56,5532	40 59,608
1837	57 59,9121	41 16,918
1838	58 3,2712	41 34,226
1839	58 6,6305	41 51,531
1840	58 9,9898	42 8,834
1841	58 13,3495	42 26,134
1842	58 16,7094	42 43,433
1843	58 20,0695	43 0,728
1844	58 23,4298	43 18,022
1845	58 26,7901	43 35,312
1846	58 30,1508	43 52,601
1847	58 33,5117	44 9,887
1848	58 36,8728	44 27,171
1849	58 40,2341	44 44,452
1850	58 43,5955	45 1,731

Diei reducto addendum est:

ante } Apr. 21 { + 1
post } Apr. 21 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Ceti.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	2 53 23,927	+ 3 24 55,64	1840	Jan. 1	2 53 55,603	+ 3 27 34,25
	Apr. 10	23,829	55,29		Apr. 10	55,691	34,44
	Jul. 19	23,734	55,00		Jul. 19	55,776	34,56
	Oct. 27	23,641	54,77		Oct. 27	55,856	34,63
	Dec. 66	23,551	54,61		Dec. 66	55,932	34,63
1831	Jan. 0	2 53 26,705	+ 3 25 9,12	1841	Jan. 0	2 53 59,032	+ 3 27 49,06
	Apr. 10	26,618	9,01		Apr. 10	59,105	49,02
	Jul. 19	26,536	8,96		Jul. 19	59,171	48,94
	Oct. 27	26,460	8,99		Oct. 27	59,231	48,75
	Dec. 66	26,390	9,08		Dec. 66	59,285	48,52
1832	Jan. 1	2 53 29,536	+ 3 25 23,49	1842	Jan. 0	2 54 2,393	+ 3 28 3,01
	Apr. 10	29,470	23,63		Apr. 10	2,442	2,73
	Jul. 19	29,412	23,84		Jul. 19	2,483	2,40
	Oct. 27	29,362	24,11		Oct. 27	2,516	2,01
	Dec. 66	29,319	24,44		Dec. 66	2,542	1,57
1833	Jan. 0	2 53 32,456	+ 3 25 38,77	1843	Jan. 0	2 54 5,659	+ 3 28 16,14
	Apr. 10	32,419	39,14		Apr. 10	5,679	15,66
	Jul. 19	32,390	39,56		Jul. 19	5,690	15,14
	Oct. 27	32,370	40,04		Oct. 27	5,692	14,57
	Dec. 66	32,359	40,57		Dec. 66	5,685	13,95
1834	Jan. 0	2 53 35,486	+ 3 25 54,84	1844	Jan. 1	2 54 8,813	+ 3 28 28,58
	Apr. 10	35,481	55,40		Apr. 10	8,800	27,94
	Jul. 19	35,484	55,99		Jul. 19	8,779	27,28
	Oct. 27	35,497	56,62		Oct. 27	8,749	26,59
	Dec. 66	35,518	57,28		Dec. 66	8,710	25,88
1835	Jan. 0	2 53 38,634	+ 3 26 11,50	1845	Jan. 0	2 54 11,849	+ 3 28 40,53
	Apr. 10	38,661	12,17		Apr. 10	11,804	39,81
	Jul. 19	38,696	12,86		Jul. 19	11,752	39,08
	Oct. 27	38,739	13,57		Oct. 27	11,792	38,35
	Dec. 66	38,789	14,29		Dec. 66	11,625	37,62
1836	Jan. 1	2 53 41,895	+ 3 26 28,49	1846	Jan. 0	2 54 14,774	+ 3 28 52,27
	Apr. 10	41,951	29,21		Apr. 10	14,702	51,54
	Jul. 19	42,012	29,92		Jul. 19	14,625	50,84
	Oct. 27	42,080	30,62		Oct. 27	14,542	50,15
	Dec. 66	42,153	31,31		Dec. 66	14,454	49,49
1837	Jan. 0	2 53 45,252	+ 3 26 45,52	1847	Jan. 0	2 54 17,609	+ 3 29 4,12
	Apr. 10	45,329	46,20		Apr. 10	17,518	3,47
	Jul. 19	45,410	46,85		Jul. 19	17,425	2,87
	Oct. 27	45,495	47,47		Oct. 27	17,330	2,31
	Dec. 66	45,583	48,07		Dec. 66	17,232	1,80
1838	Jan. 0	2 53 48,678	+ 3 27 2,31	1848	Jan. 1	2 54 20,390	+ 3 29 16,37
	Apr. 10	48,768	2,88		Apr. 10	20,291	15,89
	Jul. 19	48,860	3,41		Jul. 19	20,193	15,46
	Oct. 27	48,953	3,89		Oct. 27	20,096	15,10
	Dec. 66	49,047	4,33		Dec. 66	19,999	14,79
1839	Jan. 0	2 53 52,140	+ 3 27 18,62	1849	Jan. 0	2 54 23,157	+ 3 29 29,29
	Apr. 10	52,234	19,02		Apr. 10	23,062	29,03
	Jul. 19	52,327	19,37		Jul. 19	22,971	28,83
	Oct. 27	52,418	19,66		Oct. 27	22,883	28,71
	Dec. 66	52,508	19,89		Dec. 66	22,799	28,65

Tabulae X. Sect. V. *α Ceti.*

	1840		1840		Var. 10 annor.	
Jan. 0	+0,795″	− 7,1	− 0,58″	− 7,3	+3	+1
10	+0,710	− 9,7	− 1,29	− 6,8	+3	+1
20	+0,601	−12,0	− 1,94	− 6,1	+3	+1
30	+0,471	−13,7	− 2,51	− 5,3	+3	+1
Febr. 9	+0,328	−14,7	− 3,00	− 4,4	+3	+1
19	+0,178	−14,9	− 3,38	− 3,2	+3	+1
Mart. 1	+0,031	−14,2	− 3,64	− 2,0	+3	+1
11	−0,106	−12,7	− 3,77	− 0,6	+2	+1
21	−0,223	−10,3	− 3,75	+ 1,1	+2	+1
31	−0,312	− 7,2	− 3,56	+ 2,9	+2	0
Apr. 10	−0,366	− 3,4	− 3,18	+ 4,9	+1	0
20	−0,380	+ 0,9	− 2,59	+ 6,9	+1	0
30	−0,349	+ 5,4	− 1,81	+ 8,9	0	−1
Maj. 10	−0,272	+10,0	− 0,81	+11,0	0	−1
20	−0,150	+14,4	+ 0,38	+12,9	−1	−1
30	+0,016	+18,5	+ 1,76	+14,6	−1	−2
Jun. 9	+0,220	+22,2	+ 3,30	+15,0	−1	−2
19	+0,460	+25,3	+ 4,95	+17,0	−2	−2
29	+0,726	+27,7	+ 6,69	+17,6	−2	−3
Jul. 9	+1,013	+29,4	+ 8,47	+17,7	−2	−3
19	+1,313	+30,3	+10,22	+17,3	−2	−3
29	+1,618	+30,5	+11,92	+16,4	−2	−3
Aug. 8	+1,923	+30,0	+13,49	+14,9	−2	−3
18	+2,219	+29,2	+14,90	+13,1	−2	−3
28	+2,502	+27,5	+16,11	+11,0	−2	−3
Sept. 7	+2,768	+25,6	+17,10	+ 8,5	−2	−3
17	+3,013	+23,3	+17,81	+ 5,9	−1	−3
27	+3,234	+20,8	+18,28	+ 3,4	−1	−3
Oct. 7	+3,429	+18,2	+18,49	+ 1,0	−1	−3
17	+3,597	+15,4	+18,47	− 1,3	0	−3
27	+3,737	+12,6	+18,23	− 3,4	0	−3
Nov. 6	+3,849	+ 9,7	+17,80	− 5,0	+1	−3
16	+3,931	+ 6,8	+17,24	− 6,2	+2	−3
26	+3,984	+ 3,8	+16,57	− 7,1	+2	−3
Dec. 6	+4,006	+ 0,7	+15,83	− 7,5	+3	−2
16	+3,998	− 2,4	+15,07	− 7,7	+3	−2
26	+3,959	− 5,4	+14,30	− 7,5	+3	−2
36	+3,891	− 8,1	+13,57	− 7,1	+4	−2

	A. R. med.	Decl. med.
1830	2ʰ 53′ 24″,0302	+ 3° 25′ 2″,419
1831	53 27,1539	25 16,877
1832	53 30,2777	25 31,331
1833	53 33,4016	25 45,782
1834	53 36,5256	26 0,230
1835	53 39,6498	26 14,675
1836	53 42,7740	26 29,117
1837	53 45,8983	26 43,555
1838	53 49,0227	26 57,991
1839	53 52,1472	27 12,423
1840	53 55,2719	27 26,852
1841	53 58,3966	27 41,278
1842	54 1,5214	27 55,700
1843	54 4,6463	28 10,120
1844	54 7,7713	28 24,536
1845	54 10,8964	28 38,950
1846	54 14,0216	28 53,360
1847	54 17,1469	29 7,766
1848	54 20,2723	29 22,170
1849	54 23,3978	29 36,571
1850	54 26,5233	29 50,968

Diei reducto addendum est:

ante } Maj. 6 { + 1
post } Maj. 6 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Tauri.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	4 26 10,343	+16 9 26,92	1840	Jan. 1	4 26 45,050	+16 11 1,94
	Apr. 10	10,235	26,80		Apr. 10	45,148	1,87
	Jul. 19	10,129	26,76		Jul. 19	45,242	1,74
	Oct. 27	10,027	26,80		Oct. 27	45,332	1,53
	Dec. 66	9,927	26,91		Dec. 66	45,417	1,26
1831	Jan. 0	4 26 13,390	+16 9 34,67	1841	Jan. 0	4 26 48,821	+16 11 9,13
	Apr. 10	13,293	34,83		Apr. 10	48,903	8,81
	Jul. 19	13,202	35,07		Jul. 19	48,979	8,43
	Oct. 27	13,116	35,37		Oct. 27	49,048	7,99
	Dec. 66	13,036	35,75		Dec. 66	49,110	7,48
1832	Jan. 1	4 26 16,493	+16 9 43,42	1842	Jan. 0	4 26 52,521	+16 11 15,41
	Apr. 10	16,418	43,84		Apr. 10	52,579	14,87
	Jul. 19	16,351	44,32		Jul. 19	52,627	14,29
	Oct. 27	16,292	44,86		Oct. 27	52,667	13,65
	Dec. 66	16,242	45,45		Dec. 66	52,698	12,97
1833	Jan. 0	4 26 19,688	+16 9 53,05	1843	Jan. 0	4 26 56,120	+16 11 20,96
	Apr. 10	19,644	53,68		Apr. 10	56.145	20,25
	Jul. 19	19,609	54,34		Jul. 19	56,161	19,52
	Oct. 27	19,583	55,04		Oct. 27	56,167	18,76
	Dec. 66	19,567	55,78		Dec. 66	56,163	17,98
1834	Jan. 0	4 26 23,002	+16 10 3,32	1844	Jan. 1	4 26 59,597	+16 11 25,99
	Apr. 10	22,993	4,08		Apr. 10	59,587	25,20
	Jul. 19	22,993	4,85		Jul. 19	59,567	24,40
	Oct. 27	23,003	5,63		Oct. 27	59,537	23,60
	Dec. 66	23,023	6,43		Dec. 66	59,498	22,80
1835	Jan. 0	4 26 26,446	+16 10 13,95	1845	Jan. 0	4 27 2,944	+16 11 30,81
	Apr. 10	26,472	14,75		Apr. 10	2,898	30,02
	Jul. 19	26,506	15,54		Jul. 19	2,844	29,25
	Oct. 27	26,550	16,31		Oct. 27	2,782	28,50
	Dec. 66	26,602	17,08		Dec. 66	2,711	27,77
1836	Jan. 1	4 26 30,014	+16 10 24,61	1846	Jan. 0	4 27 6,167	+16 11 35,75
	Apr. 10	30,072	25,36		Apr. 10	6,091	35,04
	Jul. 19	30,137	26,08		Jul. 19	6,009	34,40
	Oct. 27	30,208	26,76		Oct. 27	5,921	33,79
	Dec. 66	30,286	27,41		Dec. 66	5,826	33,23
1837	Jan. 0	4 26 33,690	+16 10 34,98	1847	Jan. 0	4 27 9,290	+16 11 41,15
	Apr. 10	33,773	35,60		Apr. 10	9,192	40,63
	Jul. 19	33,860	36,17		Jul. 19	9,091	40,17
	Oct. 27	33,951	36,69		Oct. 27	8,987	39,78
	Dec. 66	34,047	37,16		Dec. 66	8,880	39,45
1838	Jan. 0	4 26 37,445	+16 10 44,79	1848	Jan. 1	4 27 12,348	+16 11 47,28
	Apr. 10	37,543	45,22		Apr. 10	12,240	47,00
	Jul. 19	37,643	45,58		Jul. 19	12,133	46,80
	Oct. 27	37,745	45,88		Oct. 27	12,026	46,67
	Dec. 66	37,848	46,12		Dec. 66	11,919	46,61
1839	Jan. 0	4 26 41,245	+16 10 53,82	1849	Jan. 0	4 27 15,387	+16 11 54,34
	Apr. 10	41,349	54,01		Apr. 10	15,282	54.34
	Jul. 19	41,451	54,13		Jul. 19	15,180	54,41
	Oct. 27	41,552	54,18		Oct. 27	15,082	54,56
	Dec. 66	41,652	54,16		Dec. 66	14,987	54,78

Tabulae X. Sect. V. *α Tauri.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	+1,217	— 0,3	+ 1,27	— 2,4	+2	—1
10	+1,194	— 4,4	+ 1,02	— 2,5	+2	—1
20	+1,130	— 8,2	+ 0,78	— 2,4	+3	—1
30	+1,030	—11,6	+ 0,54	— 2,5	+3	0
Febr. 9	+0,898	—14,4	+ 0,28	— 2,6	+3	0
19	+0,742	—16,3	+ 0,02	— 2,6	+3	0
Mart. 1	+0,572	—17,2	— 0,24	— 2,7	+4	0
11	+0,398	—17,0	— 0,51	— 2,7	+3	0
21	+0,231	—15,8	— 0,77	— 2,5	+3	0
31	+0,080	—13,8	— 1,00	— 2,1	+3	0
Apr. 10	—0,044	—10,7	— 1,18	— 1,4	+3	0
20	—0,133	— 6,9	— 1,28	— 0,6	+2	0
30	—0,181	— 2,6	— 1,29	+ 0,5	+2	0
Maj. 10	—0,184	+ 2,1	— 1,19	+ 1,8	+1	0
20	—0,140	+ 6,8	— 0,94	+ 3,2	+1	0
30	—0,048	+11,4	— 0,56	+ 4,6	0	0
Jun. 9	+0,088	+15,7	— 0,02	+ 6,1	0	—1
19	+0,266	+19,7	+ 0,65	+ 7,4	—1	—1
29	+0 481	+23,0	+ 1,45	+ 8,5	—1	—1
Jul. 9	+0,726	+25,8	+ 2,35	+ 9,4	—2	—2
19	+0,996	+28,0	+ 3,32	+10,0	—2	—2
29	+1,285	+29,5	+ 4,34	+10,2	—2	—3
Aug. 8	+1,585	+30,4	+ 5,36	+10,0	—2	—3
18	+1,892	+30,8	+ 6,34	+ 9,5	—2	—3
28	+2,200	+30,6	+ 7,26	+ 8,7	—2	—4
Sept. 7	+2,503	+30,0	+ 8,07	+ 7,6	—2	—4
17	+2,800	+29,1	+ 8,77	+ 6,3	—2	—4
27	+3,085	+27,8	+ 9,32	+ 4,8	—2	—5
Oct. 7	+3,356	+26,3	+ 9,72	+ 3,3	—2	—5
17	+3,610	+24,5	+ 9,98	+ 1,9	—1	—5
27	+3,845	+22,5	+10,10	+ 0,6	—1	—5
Nov. 6	+4,056	+19,9	+10,10	— 0,4	0	—5
16	+4,240	+17,0	+10,02	— 1,1	0	—5
26	+4,395	+13,8	+ 9,86	— 1,8	+1	—6
Dec. 6	+4,516	+10,2	+ 9,66	— 2,2	+2	—6
16	+4,599	+ 6,4	+ 9,42	— 2,4	+2	—6
26	+4,643	+ 2,3	+ 9,18	— 2,4	+3	—5
36	+4,645	— 1,8	+ 8,94	— 2,4	+3	—5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	4 26 10,4154	+16 9 35,498
1831	26 13,8458	9 43,307
1832	26 17,2763	9 51,110
1833	26 20,7069	9 58,910
1834	26 24,1376	10 6,705
1835	26 27,5685	10 14,495
1836	26 30,9994	10 22,280
1837	26 34,4305	10 30,061
1838	26 37,8617	10 37,838
1839	26 41,2930	10 45,610
1840	26 44,7243	10 53,377
1841	26 48,1558	11 1,140
1842	26 51,5874	11 8,898
1843	26 55,0191	11 16,652
1844	26 58,4509	11 24,401
1845	27 1,8828	11 32,145
1846	27 5,3148	11 39,885
1847	27 8,7469	11 47,620
1848	27 12,1792	11 55,351
1849	27 15,6116	12 3,077
1850	27 19,0441	12 10,799

Diei reducto addendum est:

ante } Maj. 29 { + 1
post } Maj. 29 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Aurigae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	5 4 8,561	+45 48 44,68	1840	Jan. 1	5 4 53,117	+45 49 46,12
	Apr. 10	8,422	44,67		Apr. 10	53,246	45,95
	Jul. 19	8,285	44,73		Jul. 19	53,369	45,71
	Oct. 27	8,151	44,88		Oct. 27	53,488	45,40
	Dec. 66	8,020	45,10		Dec. 66	53,601	45,03
1831	Jan. 0	5 4 12,478	+45 48 49,43	1841	Jan. 0	5 4 57,980	+45 49 49,51
	Apr. 10	12,351	49,70		Apr. 10	58,089	48,09
	Jul. 19	12,230	50,04		Jul. 19	58,190	48,61
	Oct. 27	12,117	50,45		Oct. 27	58,283	48,08
	Dec. 66	12,010	50,93		Dec. 66	58,368	47,49
1832	Jan. 1	5 4 16,459	+45 48 55,17	1842	Jan. 0	5 5 2,757	+45 49 52,04
	Apr. 10	16,358	55,69		Apr. 10	2,835	51,41
	Jul. 19	16,268	56,26		Jul. 19	2,902	50,74
	Oct. 27	16,188	56,88		Oct. 27	2,958	50,04
	Dec. 66	16,118	57,56		Dec. 66	3,004	49,30
1833	Jan. 0	5 4 20,555	+45 49 1,73	1843	Jan. 0	5 5 7,408	+45 49 53,89
	Apr. 10	20,493	2,43		Apr. 10	7,446	53,12
	Jul. 19	20,443	3,16		Jul. 19	7,471	52,33
	Oct. 27	20,405	3,92		Oct. 27	7,484	51,53
	Dec. 66	20,379	4,72		Dec. 66	7,484	50,71
1834	Jan. 0	5 4 24,802	+45 49 8,85	1844	Jan. 1	5 5 11,903	+45 49 55,32
	Apr. 10	24,784	9,65		Apr. 10	11,895	54,50
	Jul. 19	24,779	10,46		Jul. 19	11,874	53,68
	Oct. 27	24,787	11,27		Oct. 27	11,841	52,88
	Dec. 66	24,806	12,09		Dec. 66	11,795	52,08
1835	Jan. 0	5 4 29,214	+45 49 16,20	1845	Jan. 0	5 5 16,229	+45 49 56,67
	Apr. 10	29,242	17,01		Apr. 10	16,175	55,88
	Jul. 19	29,281	17,80		Jul. 19	16,110	55,13
	Oct. 27	29,332	18,57		Oct. 27	16,034	54,41
	Dec. 66	29,395	19,32		Dec. 66	15,947	53,73
1836	Jan. 1	5 4 33,788	+45 49 23,46	1846	Jan. 0	5 5 20,395	+45 49 58,27
	Apr. 10	33,859	24,19		Apr. 10	20,301	57,62
	Jul. 19	33,937	24,87		Jul. 19	20,198	57,02
	Oct. 27	34,025	25,52		Oct. 27	20,087	56,47
	Dec. 66	34,122	26,12		Dec. 66	19,968	55,98
1837	Jan. 0	5 4 38,505	+45 49 30,30	1847	Jan. 0	5 5 24,427	+45 50 0,46
	Apr. 10	38,609	30,87		Apr. 10	24,303	0,01
	Jul. 19	38,717	31,38		Jul. 19	24,174	49 59,63
	Oct. 27	38,832	31,83		Oct. 27	24,041	59,33
	Dec. 66	38,953	32,22		Dec. 66	23,904	59,10
1838	Jan. 0	5 4 43,328	+45 49 36,47	1848	Jan. 1	5 5 28,369	+45 50 3,47
	Apr. 10	43,453	36,81		Apr. 10	28,231	3,29
	Jul. 19	43,580	37,08		Jul. 19	28,091	3,19
	Oct. 27	43,710	37,30		Oct. 27	27,949	3,16
	Dec. 66	43,843	37,45		Dec. 66	27,805	3,21
1839	Jan. 0	5 4 48,215	+45 49 41,77	1849	Jan. 0	5 5 32,269	+45 50 7,49
	Apr. 10	48,348	41,87		Apr. 10	32,138	7,60
	Jul. 19	48,481	41,89		Jul. 19	32,009	7,78
	Oct. 27	48,613	41,84		Oct. 27	31,882	8,03
	Dec. 66	48,744	41,71		Dec. 66	31,757	8,36

Tabulae X. Sect. V. *α Aurigae.*

	1840		1840		Var. 10 annor.	
Jan. 0	+1″,827	+ 3,0	+4″,11	+14,0	+3	− 4
10	+1,826	− 3,2	+5,47	+12,9	+4	− 4
20	+1,764	− 9,1	+6,69	+11,3	+5	− 4
30	+1,645	−14,5	+7,72	+ 9,2	+5	− 3
Febr. 9	+1,475	−19,0	+8,52	+ 6,7	+6	− 3
19	+1,265	−22,4	+9,05	+ 3,8	+6	− 2
Mart. 1	+1,028	−24,4	+9,28	+ 0,8	+6	− 1
11	+0,777	−25,1	+9,21	− 2,3	+6	0
21	+0,526	−24,3	+8,83	− 5,2	+6	0
31	+0,292	−22,0	+8,18	− 7,8	+6	+ 1
Apr. 10	+0,086	−18,5	+7,27	−10,1	+5	+ 1
20	−0,078	−13,9	+6,17	−11,8	+4	+ 2
30	−0,192	− 8,5	+4,91	−13,0	+4	+ 2
Maj. 10	−0,248	− 2,6	+3,57	−13,6	+3	+ 2
20	−0,243	+ 3,6	+2,19	−13,7	+2	+ 2
30	−0,176	+ 9,8	+0,83	−13,3	+1	+ 2
Jun. 9	−0,047	+15,8	−0,46	−12,3	0	+ 2
19	+0,139	+21,2	−1,63	−11,0	−1	+ 2
29	+0,377	+26,2	−2,65	− 9,4	−2	+ 1
Jul. 9	+0,662	+30,5	−3,51	− 7,6	−2	0
19	+0,986	+34,0	−4,16	− 5,6	−3	0
29	+1,341	+36,8	−4,62	− 3,6	−3	− 1
Aug. 8	+1,721	+38,8	−4,88	− 1,6	−4	− 2
18	+2,117	+40,1	−4,94	+ 0,4	−4	− 3
28	+2,523	+40,9	−4,81	+ 2,2	−4	− 4
Sept. 7	+2,934	+41,1	−4,50	+ 4,0	−4	− 5
17	+3,344	+40,7	−4,02	+ 5,6	−4	− 5
27	+3,747	+39,8	−3,39	+ 7,1	−4	− 6
Oct. 7	+4,139	+38,4	−2,61	+ 8,6	−3	− 7
17	+4,515	+36,6	−1,68	+ 9,9	−3	− 8
27	+4,870	+34,2	−0,63	+11,1	−2	− 9
Nov. 6	+5,198	+31,2	+0,54	+12,3	−1	− 9
16	+5,493	+27,6	+1,82	+13,3	0	−10
26	+5,749	+23,3	+3,20	+14,1	+1	−10
Dec. 6	+5,958	+18,3	+4,63	+14,5	+2	−11
16	+6,114	+12,8	+6,10	+14,7	+3	−11
26	+6,213	+ 6,9	+7,57	+14,5	+4	−11
36	+6,251	+ 0,7	+8,99	+13,7	+5	−10

	A. R. med.	Decl. med.
1830	5ʰ 4′ 8″,5950	+45° 48′ 53″,606
1831	4 13,0100	48 58,020
1832	4 17,4251	49 2,429
1833	4 21,8404	49 6,831
1834	4 26,2559	49 11,226
1835	4 30,6716	49 15,616
1836	4 35,0875	49 19,999
1837	4 39,5036	49 24,376
1838	4 43,9198	49 28,747
1839	4 48,3362	49 33,112
1840	4 52,7528	49 37,470
1841	4 57,1696	49 41,822
1842	5 1,5866	49 46,163
1843	5 6,0038	49 50,508
1844	5 10,4211	49 54,841
1845	5 14,8386	49 59,169
1846	5 19,2563	50 3,490
1847	5 23,6742	50 7,805
1848	5 28,0923	50 12,113
1849	5 32,5106	50 16,416
1850	5 36,9290	50 20,712

Diei reducto addendum est:

ante } Jun. 7 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *β Orionis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	5 6 22,084	— 8 24 26,75	1840	Jan. 1	5 6 51,360	— 8 23 23,16
	Apr. 10	21,995	26,75		Apr. 10	51,440	23,34
	Jul. 19	21,908	26,68		Jul. 19	51,516	23,59
	Oct. 27	21,824	26,53		Oct. 27	51,588	23,90
	Dec. 66	21,743	26,31		Dec. 66	51,656	24,28
1831	Jan. 0	5 6 24,649	— 8 24 21,77	1841	Jan. 0	5 6 54,513	— 8 23 19,57
	Apr. 10	24,571	21,49		Apr. 10	54,578	19,99
	Jul. 19	24,498	21,15		Jul. 19	54,636	20,47
	Oct. 27	24,430	20,73		Oct. 27	54,688	21,01
	Dec. 66	24,368	20,25		Dec. 66	54,734	21,61
1832	Jan. 1	5 6 27,267	— 8 24 15,81	1842	Jan. 0	5 6 57,599	— 8 23 16,83
	Apr. 10	27,209	15,28		Apr. 10	57,641	17,47
	Jul. 19	27,159	14,70		Jul. 19	57,675	18,13
	Oct. 27	27,116	14,08		Oct. 27	57,702	18,84
	Dec. 66	27,080	13,40		Dec. 66	57,721	19,59
1833	Jan. 0	5 6 29,970	— 8 24 9,02	1843	Jan. 0	5 7 0,595	— 8 23 14,76
	Apr. 10	29,939	8,31		Apr. 10	0,609	15,53
	Jul. 19	29,917	7,58		Jul. 19	0,615	16,32
	Oct. 27	29,903	6,81		Oct. 27	0,612	17,12
	Dec. 66	29,897	6,02		Dec. 66	0,602	17,94
1834	Jan. 0	5 6 32,777	— 8 24 1,68	1844	Jan. 1	5 7 3,486	— 8 23 13,10
	Apr. 10	32,778	0,88		Apr. 10	3,471	13,92
	Jul. 19	32,784	0,07		Jul. 19	3,447	14,74
	Oct. 27	32,800	23 59,26		Oct. 27	3,415	15,54
	Dec. 66	32,823	58,44		Dec. 66	3,375	16,34
1835	Jan. 0	5 6 35,693	— 8 23 54,11	1845	Jan. 0	5 7 6,268	— 8 23 11,52
	Apr. 10	35,721	53,30		Apr. 10	6,223	12,31
	Jul. 19	35,757	52,51		Jul. 19	6,172	13,06
	Oct. 27	35,800	51,74		Oct. 27	6,114	13,78
	Dec. 66	35,850	51,00		Dec. 66	6,049	14,45
1836	Jan. 1	5 6 38,711	— 8 23 46,64	1846	Jan. 0	5 7 8,951	— 8 23 9,67
	Apr. 10	38,765	45,91		Apr. 10	8,881	10,32
	Jul. 19	38,825	45,23		Jul. 19	8,808	10,92
	Oct. 27	38,890	44,59		Oct. 27	8,729	11,46
	Dec. 66	38,960	44,00		Dec. 66	8,647	11,95
1837	Jan. 0	5 6 41,815	— 8 23 39,60	1847	Jan. 0	5 7 11,555	— 8 23 7,24
	Apr. 10	41,888	39,04		Apr. 10	11,469	7,69
	Jul. 19	41,965	38,53		Jul. 19	11,382	8,06
	Oct. 27	42,045	38,08		Oct. 27	11,293	8,36
	Dec. 66	42,128	37,69		Dec. 66	11,202	8,58
1838	Jan. 0	5 6 44,979	— 8 23 33,23	1848	Jan. 1	5 7 14,112	— 8 23 3,97
	Apr. 10	45,064	32,89		Apr. 10	14,020	4,15
	Jul. 19	45,149	32,61		Jul. 19	13,930	4,25
	Oct. 27	45,235	32,40		Oct. 27	13,841	4,27
	Dec. 66	45,322	32,26		Dec. 66	13,753	4,21
1839	Jan. 0	5 6 48,172	— 8 23 27,72	1849	Jan. 0	5 7 16,662	— 8 22 59,69
	Apr. 10	48,258	27,63		Apr. 10	16,576	59,58
	Jul. 19	48,343	27,61		Jul. 19	16,493	59,40
	Oct. 27	48,426	27,67		Oct. 27	16,414	59,14
	Dec. 66	48,508	27,80		Dec. 66	16,339	58,81

Tabulae X. Sect. V. *β Orionis.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	+1,283	+ 1,6	− 2,90	−16,0	+1	+1
10	+1,277	− 2,7	− 4,44	−14,5	+2	+1
20	+1,229	− 6,8	− 5,80	−12,5	+2	+1
30	+1,142	−10,5	− 6,94	−10,3	+2	0
Febr. 9	+1,019	−13,7	− 7,86	− 8,0	+3	0
19	+0,869	−16,0	− 8,53	− 5,5	+3	0
Mart. 1	+0,699	−17,5	− 8,96	− 3,0	+3	0
11	+0,519	−18,0	− 9,13	− 0,5	+3	0
21	+0,339	−17,6	− 9,06	+ 2,0	+3	−1
31	+0,168	−16,1	− 8,73	+ 4,5	+3	−1
Apr. 10	+0,017	−13,8	− 8,17	+ 6,9	+2	−1
20	−0,107	− 9,7	− 7,36	+ 9,3	+2	−1
30	−0,197	− 6,0	− 6,32	+11,5	+2	−1
Maj. 10	−0,247	− 2,9	− 5,06	+13,6	+1	−2
20	−0,255	+ 1,4	− 3,61	+15,4	+1	−2
30	−0,219	+ 5,8	− 1,98	+17,0	+1	−2
Jun. 9	−0,140	+10,0	− 0,21	+18,3	0	−2
19	−0,019	+14,0	+ 1,67	+19,1	0	−3
29	+0,139	+17,5	+ 3,60	+19,4	−1	−3
Jul. 9	+0,331	+20,7	+ 5,54	+19,1	−1	−3
19	+0,552	+23,3	+ 7,42	+18,3	−1	−3
29	+0,796	+25,3	+ 9,19	+16,9	−2	−3
Aug. 8	+1,058	+26,9	+10,80	+14,9	−2	−3
18	+1,333	+27,9	+12,17	+12,3	−2	−3
28	+1,615	+28,4	+13,26	+ 9,3	−2	−3
Sept. 7	+1,901	+28,6	+14,03	+ 5,9	−2	−3
17	+2,187	+28,3	+14,44	+ 2,3	−2	−3
27	+2,467	+27,5	+14,49	− 1,5	−2	−3
Oct. 7	+2,739	+26,5	+14,15	− 5,2	−2	−3
17	+2,998	+25,2	+13,45	− 8,5	−2	−3
27	+3,242	+23,4	+12,45	−11,5	−1	−3
Nov. 6	+3,466	+21,3	+11,16	−14,1	−1	−3
16	+3,667	+18,7	+ 9,64	−16,0	−1	−3
26	+3,839	+15,6	+ 7,96	−17,2	0	−3
Dec. 6	+3,978	+12,1	+ 6,21	−17,7	0	−3
16	+4,081	+ 8,3	+ 4,43	−17,6	+1	−3
26	+4,144	+ 4,2	+ 2,70	−16,8	+1	−3
36	+4,165	0,0	+ 1,08	−15,6	+2	−3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	5 6 22,2241	− 8 24 17,810
1831	6 25,1029	24 13,192
1832	6 27,9817	24 8,578
1833	6 30,8605	24 3,968
1834	6 33,7394	23 59,362
1835	6 36,6183	23 54,760
1836	6 39,4973	23 50,162
1837	6 42,3763	23 45,568
1838	6 45,2554	23 40,979
1839	6 48,1345	23 36,394
1840	6 51,0136	23 31,812
1841	6 53,8928	23 27,235
1842	6 56,7720	23 22,662
1843	6 59,6513	23 18,093
1844	7 2,5306	23 13,528
1845	7 5,4100	23 8,967
1846	7 8,2894	23 4,410
1847	7 11,1688	22 59,857
1848	7 14,0483	22 55,309
1849	7 16,9278	22 50,765
1850	7 19,8074	22 46,224

Diei reducto addendum est:

ante } Jun. 8 { + 1
post } Jun. 8 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. β *Tauri.*

		h ′ ″	° ′	″			h ′ ″	° ′	″
1830	Jan. 0	5 15 32,964	+28 27	8,26	1840	Jan. 1	5 16 11,296	+28 28	2,19
	Apr. 10	32,845		8,28		Apr. 10	11,404		1,99
	Jul. 19	32,729		8,38		Jul. 19	11,507		1,72
	Oct. 27	32,616		8,56		Oct. 27	11,606		1,38
	Dec. 66	32,506		8,81		Dec. 66	11,700		0,98
1831	Jan. 0	5 15 36,328	+28 27	12,38	1841	Jan. 0	5 16 15,456	+28 28	4,72
	Apr. 10	36,222		12,68		Apr. 10	15,546		4,27
	Jul. 19	36,122		13,05		Jul. 19	15,628		3,77
	Oct. 27	36,028		13,49		Oct. 27	15,703		3,21
	Dec. 66	35,941		13,99		Dec. 66	15,771		2,60
1832	Jan. 1	5 15 39,755	+28 27	17,47	1842	Jan. 0	5 16 19,536	+28 28	6,41
	Apr. 10	39,674		18,02		Apr. 10	19,599		5,76
	Jul. 19	39,601		18,61		Jul. 19	19,651		5,07
	Oct. 27	39,538		19,26		Oct. 27	19,694		4,35
	Dec. 66	39,483		19,95		Dec. 66	19,726		3,59
1833	Jan. 0	5 15 43,286	+28 27	23,36	1843	Jan. 0	5 16 23,504	+28 28	7,44
	Apr. 10	43,238		24,08		Apr. 10	23,531		6,66
	Jul. 19	43,201		24,83		Jul. 19	23,547		5,86
	Oct. 27	43,174		25,61		Oct. 27	23,552		5,05
	Dec. 66	43,158		26,41		Dec. 66	23,547		4,23
1834	Jan. 0	5 15 46,948	+28 27	29,78	1844	Jan. 1	5 16 27,338	+28 28	8,09
	Apr. 10	46,939		30,59		Apr. 10	27,324		7,26
	Jul. 19	46,941		31,41		Jul. 19	27,300		6,45
	Oct. 27	46,953		32,22		Oct. 27	27,266		5,64
	Dec. 66	46,976		33,04		Dec. 66	27,222		4,85
1835	Jan. 0	5 15 50,754	+28 27	36,40	1845	Jan. 0	5 16 31,025	+28 28	8,69
	Apr. 10	50,784		37,21		Apr. 10	30,974		7,91
	Jul. 19	50,823		38,00		Jul. 19	30,913		7,17
	Oct. 27	50,872		38,76		Oct. 27	30,843		6,46
	Dec. 66	50,930		39,50		Dec. 66	30,763		5,79
1836	Jan. 1	5 15 54,696	+28 27	42,88	1846	Jan. 0	5 16 34,578	+28 28	9,58
	Apr. 10	54,761		43,60		Apr. 10	34,494		8,94
	Jul. 19	54,833		44,27		Jul. 19	34,402		8,36
	Oct. 27	54,913		44,90		Oct. 27	34,304		7,84
	Dec. 66	55,000		45,49		Dec. 66	34,198		7,37
1837	Jan. 0	5 15 58,757	+28 27	48,92	1847	Jan. 0	5 16 38,022	+28 28	11,09
	Apr. 10	58,849		49,47		Apr. 10	37,913		10,67
	Jul. 19	58,945		49,96		Jul. 19	37,801		10,32
	Oct. 27	59,046		50,39		Oct. 27	37,686		10,04
	Dec. 66	59,152		50,75		Dec. 66	37,568		9,84
1838	Jan. 0	5 16 2,903	+28 27	54,25	1848	Jan. 1	5 16 41,395	+28 28	13,46
	Apr. 10	3,012		54,58		Apr. 10	44,276		13,31
	Jul. 19	3,122		54,83		Jul. 19	41,157		13,24
	Oct. 27	3,235		55,01		Oct. 27	41,039		13,25
	Dec. 66	3,348		55,12		Dec. 66	40,921		13,33
1839	Jan. 0	5 16 7,097	+28 27	58,71	1849	Jan. 0	5 16 44,748	+28 28	16,85
	Apr. 10	7,211		58,77		Apr. 10	44,633		16,99
	Jul. 19	7,324		58,76		Jul. 19	44,521		17,20
	Oct. 27	7,436		58,68		Oct. 27	44,414		17,48
	Dec. 66	7,546		58,53		Dec. 66	44,311		17,84

Tabulae X. Sect. V. *β Tauri.*

	1840		1840		Var. 10 annor.	
Jan. 0	+1,473″	+ 4,6	+1,56″	+4,2	+1	−2
10	+1,494	− 0,4	+1,98	+4,1	+2	−2
20	+1,465	− 5,3	+2,38	+3,7	+3	−2
30	+1,388	− 9,8	+2,72	+3,1	+3	−2
Febr. 9	+1,270	−13,6	+3,00	+2,3	+4	−2
19	+1,116	−16,7	+3,17	+1,1	+4	−1
Mart. 1	+0,937	−18,6	+3,22	−0,1	+4	−1
11	+0,745	−19,4	+3,15	−1,3	+4	−1
21	+0,550	−19,0	+2,96	−2,5	+4	0
31	+0,366	−17,4	+2,65	−3,6	+4	0
Apr. 10	+0,203	−14,8	+2,25	−4,4	+4	0
20	+0,071	−11,3	+1,78	−4,9	+3	+1
30	−0,022	− 7,1	+1,28	−5,0	+3	+1
Maj. 10	−0,070	− 2,4	+0,78	−4,9	+2	+1
20	−0,069	+ 2,6	+0,31	−4,5	+2	+1
30	−0,019	+ 7,5	−0,11	−3,7	+1	+1
Jun. 9	+0,081	+12,3	−0,43	−2,8	0	0
19	+0,227	+16,7	−0,66	−1,7	0	0
29	+0,415	+20,7	−0,77	−0,6	−1	0
Jul. 9	+0,641	+24,2	−0,77	+0,5	−1	−1
19	+0,899	+27,1	−0,67	+1,6	−2	−1
29	+1,182	+29,3	−0,46	+2,5	−2	−2
Aug. 8	+1,485	+31,0	−0,18	+3,1	−3	−2
18	+1,802	+32,2	+0,16	+3,6	−3	−3
28	+2,128	+32,9	+0,53	+3,9	−3	−3
Sept. 7	+2,459	+33,1	+0,93	+4,0	−3	−4
17	+2,789	+32,9	+1,32	+3,9	−3	−4
27	+3,116	+32,4	+1,70	+3,7	−3	−5
Oct. 7	+3,436	+31,5	+2,06	+3,5	−3	−6
17	+3,745	+30,2	+2,40	+3,4	−2	−6
27	+4,040	+28,5	+2,73	+3,3	−2	−6
Nov. 6	+4,315	+26,3	+3,05	+3,3	−2	−7
16	+4,566	+23,7	+3,38	+3,4	−1	−7
26	+4,788	+20,4	+3,72	+3,6	0	−7
Dec. 6	+4,974	+16,6	+4,09	+3,8	0	−8
16	+5,120	+12,4	+4,48	+4,1	+1	−8
26	+5,221	+ 7,7	+4,90	+4,2	+2	−8
36	+5,274	+ 2,7	+5,32	+4,2	+3	−8

	A. R. med.	Decl. med.
1830	5ʰ 15′ 33″,0577	+28° 27′ 17″,251
1831	15 36,8439	27 20,907
1832	15 40,6302	27 24,557
1833	15 44,4166	27 28,202
1834	15 48,2031	27 31,841
1835	15 51,9895	27 35,475
1836	15 55,7761	27 39,104
1837	15 59,5628	27 42,727
1838	16 3,3496	27 46,345
1839	16 7,1365	27 49,957
1840	16 10,9236	27 53,563
1841	16 14,7107	27 57,165
1842	16 18,4979	28 0,761
1843	16 22,2852	28 4,352
1844	16 26,0726	28 7,937
1845	16 29,8599	28 11,517
1846	16 33,6474	28 15,092
1847	16 37,4350	28 18,661
1848	16 41,2227	28 22,225
1849	16 45,0105	28 25,783
1850	16 48,7985	28 29,335

Diei reducto addendum est:

ante } Jun. 10 { + 1
post } Jun. 10 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Orionis.*

1830	Jan. 0	$5^h\,45'\,58'',060$	$+\;7°\,21'\,54'',10$	1840	Jan. 1	$5^h\,46'\,31'',011$	$+\;7°\,22'\,23'',56$
	Apr. 10	57,959	54,21		Apr. 10	31,102	23,28
	Jul. 19	57,861	54,39		Jul. 19	31,188	22,94
	Oct. 27	57,766	54,65		Oct. 27	31,270	22,53
	Dec. 66	57,673	54,98		Dec. 66	31,348	22,05
1831	Jan. 0	5 46 0,949	+ 7 21 56,08	1841	Jan. 0	5 46 34,568	+ 7 22 23,39
	Apr. 10	0,859	56,46		Apr. 10	34,642	22,87
	Jul. 19	0,776	56,91		Jul. 19	34,710	22,30
	Oct. 27	0,699	57,42		Oct. 27	34,771	21,68
	Dec. 66	0,628	58,00		Dec. 66	34,825	21,01
1832	Jan. 1	5 46 3,896	+ 7 21 59,01	1842	Jan. 0	5 46 38,054	+ 7 22 22,41
	Apr. 10	3,830	59,62		Apr. 10	38,103	21,71
	Jul. 19	3,771	22 0,28		Jul. 19	38,144	20,98
	Oct. 27	3,720	0,98		Oct. 27	38,177	20,22
	Dec. 66	3,677	1,72		Dec. 66	38,201	19,42
1833	Jan. 0	5 46 6,936	+ 7 22 2,67	1843	Jan. 0	5 46 41,439	+ 7 22 20,85
	Apr. 10	6,899	3,43		Apr. 10	41,458	20,04
	Jul. 19	6,871	4,22		Jul. 19	41,467	19,23
	Oct. 27	6,853	5,02		Oct. 27	41,467	18,41
	Dec. 66	6,844	5,85		Dec. 66	41,458	17,58
1834	Jan. 0	5 46 10,091	+ 7 22 6,78	1844	Jan. 1	5 46 44,708	+ 7 22 19,01
	Apr. 10	10,088	7,61		Apr. 10	44,693	18,19
	Jul. 19	10,094	8,43		Jul. 19	44,668	17,38
	Oct. 27	10,109	9,24		Oct. 27	44,635	16,59
	Dec. 66	10,133	10,05		Dec. 66	44,592	15,81
1835	Jan. 0	5 46 13,369	+ 7 22 10,98	1845	Jan. 0	5 46 47,853	+ 7 22 17,22
	Apr. 10	13,399	11,78		Apr. 10	47,805	16,47
	Jul. 19	13,437	12,55		Jul. 19	47,749	15,76
	Oct. 27	13,483	13,29		Oct. 27	47,685	15,09
	Dec. 66	13,537	13,99		Dec. 66	47,614	14,47
1836	Jan. 1	5 46 16,764	+ 7 22 14,95	1846	Jan. 0	5 46 50,885	+ 7 22 15,82
	Apr. 10	16,823	15,63		Apr. 10	50,809	15,23
	Jul. 19	16,888	16,26		Jul. 19	50,728	14,71
	Oct. 27	16,959	16,84		Oct. 27	50,641	14,25
	Dec. 66	17,036	17,37		Dec. 66	50,549	13,86
1837	Jan. 0	5 46 20,255	+ 7 22 18,39	1847	Jan. 0	5 46 53,826	+ 7 22 15,12
	Apr. 10	20,337	18,88		Apr. 10	53,731	14,77
	Jul. 19	20,422	19,31		Jul. 19	53,634	14,50
	Oct. 27	20,511	19,67		Oct. 27	53,534	14,30
	Dec. 66	20,603	19,96		Dec. 66	53,432	14,18
1838	Jan. 0	5 46 23,818	+ 7 22 21,06	1848	Jan. 1	5 46 56,712	+ 7 22 15,35
	Apr. 10	23,913	21,31		Apr. 10	56,610	15,28
	Jul. 19	24,008	21,48		Jul. 19	56,508	15,29
	Oct. 27	24,105	21,59		Oct. 27	56,408	15,38
	Dec. 66	24,202	21,62		Dec. 66	56,308	15,54
1839	Jan. 0	5 46 27,415	+ 7 22 22,80	1849	Jan. 0	5 46 59,587	+ 7 22 16,61
	Apr. 10	27,512	22,79		Apr. 10	59,489	16,83
	Jul. 19	27,608	22,70		Jul. 19	59,395	17,12
	Oct. 27	27,703	22,54		Oct. 27	59,305	17,48
	Dec. 66	27,796	22,30		Dec. 66	59,220	17,92

Tabulae X. Sect. V. *α Orionis.*

	1840		1840		Var. 10 annor.	
Jan. 0	+1,353″	+ 6,5	−1,31″	− 8,8	+1	−1
10	+1,395	+ 1,9	−2,14	− 7,8	+1	−1
20	+1,391	− 2,7	−2,86	− 6,6	+2	−1
30	+1,342	− 7,0	−3,46	− 5,5	+2	−1
Febr. 9	+1,252	−10,8	−3,95	− 4,3	+3	−1
19	+1,127	−13,4	−4,32	− 3,2	+3	−1
Mart. 1	+0,975	−15,6	−4,58	− 2,1	+3	−1
11	+0,805	−17,3	−4,73	− 1,0	+3	−1
21	+0,629	−17,4	−4,78	− 0,1	+3	−1
31	+0,457	−16,5	−4,74	+ 0,9	+3	−1
Apr. 10	+0,299	−14,7	−4,60	+ 2,0	+3	−1
20	+0,164	−12,0	−4,35	+ 3,1	+3	−1
30	+0,059	− 8,7	−3,98	+ 4,2	+2	−1
Maj. 10	−0,009	− 4,8	−3,51	+ 5,3	+2	−1
20	−0,037	− 0,7	−2,92	+ 6,5	+1	−1
30	−0,022	+ 3,6	−2,21	+ 7,7	+1	−1
Jun. 9	+0,035	+ 7,8	−1,39	+ 8,7	+1	−1
19	+0,133	+11,7	−0,48	+ 9,5	0	−2
29	+0,269	+15,4	+0,51	+10,1	0	−2
Jul. 9	+0,440	+18,6	+1,54	+10,4	−1	−2
19	+0,641	+21,4	+2,58	+10,4	−1	−2
29	+0,868	+23,7	+3,61	+ 9,9	−2	−2
Aug. 8	+1,115	+25,6	+4,56	+ 9,0	−2	−3
18	+1,379	+27,1	+5,41	+ 7,8	−2	−3
28	+1,656	+28,1	+6,12	+ 6,2	−2	−3
Sept. 7	+1,941	+28,7	+6,64	+ 4,2	−3	−3
17	+2,230	+29,0	+6,96	+ 2,1	−3	−4
27	+2,521	+29,0	+7,05	− 0,2	−3	−4
Oct. 7	+2,810	+28,7	+6,92	− 2,5	−3	−4
17	+3,094	+28,0	+6,55	− 4,7	−2	−4
27	+3,369	+26,8	+5,99	− 6,5	−2	−4
Nov. 6	+3,630	+25,2	+5,25	− 8,1	−2	−4
16	+3,873	+23,1	+4,37	− 9,2	−1	−5
26	+4,092	+20,4	+3,41	− 9,9	−1	−5
Dec. 6	+4,281	+17,2	+2,40	−10,1	0	−5
16	+4,435	+13,5	+1,39	− 9,9	0	−5
26	+4,550	+ 9,3	+0,43	− 9,3	+1	−5
36	+4,620	+ 4,8	−0,46	− 8,4	+1	−5

	A. R. med.	Decl. med.
1830	5h 45′ 58″,1899	+ 7° 22′ 3″,130
1831	46 1,4354	22 4,348
1832	46 4,6809	22 5,561
1833	46 7,9264	22 6,769
1834	46 11,1720	22 7,973
1835	46 14,4176	22 9,172
1836	46 17,6632	22 10,366
1837	46 20,9089	22 11,556
1838	46 24,1546	22 12,741
1839	46 27,4003	22 13,921
1840	46 30,6461	22 15,097
1841	46 33,8919	22 16,268
1842	46 37,1377	22 17,434
1843	46 40,3836	22 18,595
1844	46 43,6295	22 19,752
1845	46 46,8754	22 20,903
1846	46 50,1214	22 22,050
1847	46 53,3674	22 23,192
1848	46 56,6134	22 24,330
1849	46 59,8594	22 25,463
1850	47 3,1055	22 26,592

Diei reducto addendum est:

ante } Jun. 17 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Canis majoris.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	6 37 39,186	−16 29 30,91	1840	Jan. 1	6 38 5,987	−16 29 59,71
	Apr. 10	39,102	30,66		Apr. 10	6,063	30 0,11
	Jul. 19	39,020	30,34		Jul. 19	6,136	0,57
	Oct. 27	38,941	29,96		Oct. 27	6,205	1,09
	Dec. 66	38,865	29,50		Dec. 66	6,271	1,67
1831	Jan. 0	6 37 41,534	−16 29 34,18	1841	Jan. 0	6 38 8,893	−16 30 6,03
	Apr. 10	41,459	33,68		Apr. 10	8,956	6,64
	Jul. 19	41,388	33,13		Jul. 19	9,013	7,30
	Oct. 27	41,322	32,52		Oct. 27	9,066	7,99
	Dec. 66	41,261	31,85		Dec. 66	9,113	8,73
1832	Jan. 1	6 37 43,925	−16 29 36,61	1842	Jan. 0	6 38 11,742	−16 30 13,04
	Apr. 10	43,868	35,91		Apr. 10	11,784	13,80
	Jul. 19	43,817	35,18		Jul. 19	11,820	14,58
	Oct. 27	43,773	34,42		Oct. 27	11,849	15,37
	Dec. 66	43,736	33,63		Dec. 66	11,872	16,18
1833	Jan. 0	6 37 46,392	−16 29 38,43	1843	Jan. 0	6 38 14,509	−16 30 20,47
	Apr. 10	46,360	37,62		Apr. 10	14,527	21,30
	Jul. 19	46,335	36,81		Jul. 19	14,537	22,12
	Oct. 27	46,317	35,99		Oct. 27	14,539	22,93
	Dec. 66	46,307	35,16		Dec. 66	14,534	23,74
1834	Jan. 0	6 37 48,953	−16 29 39,97	1844	Jan. 1	6 38 17,180	−16 30 28,05
	Apr. 10	48,948	39,15		Apr. 10	17,170	28,84
	Jul. 19	48,951	38,35		Jul. 19	17,152	29,61
	Oct. 27	48,961	37,57		Oct. 27	17,127	30,34
	Dec. 66	48,978	36,80		Dec. 66	17,094	31,04
1835	Jan. 0	6 37 51,616	−16 29 41,59	1845	Jan. 0	6 38 19,750	−16 30 35,39
	Apr. 10	51,639	40,84		Apr. 10	19,712	36,06
	Jul. 19	51,668	40,14		Jul. 19	19,668	36,68
	Oct. 27	51,704	39,47		Oct. 27	19,617	37,25
	Dec. 66	51,746	38,85		Dec. 66	19,560	37,77
1836	Jan. 1	6 37 54,375	−16 29 43,59	1846	Jan. 0	6 38 22,224	−16 30 42,18
	Apr. 10	54,422	43,00		Apr. 10	22,163	42,65
	Jul. 19	54,474	42,47		Jul. 19	22,097	43,06
	Oct. 27	54,531	42,00		Oct. 27	22,026	43,39
	Dec. 66	54,594	41,58		Dec. 66	21,951	43,66
1837	Jan. 0	6 37 57,217	−16 29 46,26	1847	Jan. 0	6 38 24,621	−16 30 48,16
	Apr. 10	57,283	45,89		Apr. 10	24,544	48,38
	Jul. 19	57,352	45,58		Jul. 19	24,464	48,52
	Oct. 27	57,424	45,35		Oct. 27	24,382	48,58
	Dec. 66	57,500	45,18		Dec. 66	24,298	48,56
1838	Jan. 0	6 38 0,119	−16 29 49,78	1848	Jan. 1	6 38 26,970	−16 30 53,16
	Apr. 10	0,197	49,66		Apr. 10	26,885	53,09
	Jul. 19	0,275	49,62		Jul. 19	26,801	52,94
	Oct. 27	0,355	49,65		Oct. 27	26,718	52,71
	Dec. 66	0,435	49,76		Dec. 66	26,635	52,41
1839	Jan. 0	6 38 3,052	−16 29 54,26	1849	Jan. 0	6 38 29,306	−16 30 57,11
	Apr. 10	3,133	54,41		Apr. 10	29,224	56,76
	Jul. 19	3,213	54,63		Jul. 19	29,146	56,35
	Oct. 27	3,292	54,92		Oct. 27	29,071	55,86
	Dec. 66	3,369	55,28		Dec. 66	28,999	55,31

Tabulae X. Sect. V. *α Canis majoris.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	+1,427	+ 9,2	− 1,76	−23,8	0	+1	1830	6 37 39,2683	−16 29 22,167
10	+1,495	+ 4,4	− 4,09	−22,4	+1	+1	1831	37 41,9124	29 26,690
20	+1,515	− 0,5	− 6,23	−20,3	+1	+1	1832	37 44,5565	29 31,216
30	+1,486	− 5,2	− 8,15	−17,9	+1	0	1833	37 47,2006	29 35,747
Febr. 9	+1,411	− 9,6	− 9,80	−15,1	+2	0	1834	37 49,8447	29 40,281
							1835	37 52,4888	29 44,818
19	+1,295	−13,2	−11,16	−12,1	+2	0	1836	37 55,1329	29 49,360
Mart. 1	+1,147	−16,1	−12,22	− 9,0	+2	0	1837	37 57,7770	29 53,905
11	+0,973	−18,1	−12,95	− 5,8	+2	−1	1838	38 0,4211	29 58,454
21	+0,785	−19,1	−13,37	− 2,6	+3	−1	1839	38 3,0652	30 3,008
31	+0,592	−19,1	−13,47	+ 0,6	+2	−1	1840	38 5,7094	30 7,565
							1841	38 8,3535	30 12,125
Apr. 10	+0,404	−18,0	−13,26	+ 3,7	+2	−1	1842	38 10,9976	30 16,690
20	+0,232	−16,2	−12,74	+ 6,7	+2	−2	1843	38 13,6417	30 21,258
30	+0,081	−13,6	−11,93	+ 9,5	+2	−2	1844	38 16,2858	30 25,830
Maj. 10	−0,040	−10,4	−10,85	+12,1	+2	−2	1845	38 18,9301	30 30,406
20	−0,127	− 6,9	− 9,52	+14,5	+2	−2	1846	38 21,5742	30 34,985
							1847	38 24,2183	30 39,569
30	−0,177	− 3,0	− 7,96	+16,6	+1	−3	1848	38 26,8624	30 44,156
Jun. 9	−0,187	+ 1,0	− 6,20	+18,3	+1	−3	1849	38 29,5065	30 48,747
19	−0,158	+ 4,8	− 4,30	+19,6	0	−3	1850	38 32,1508	30 53,342
29	−0,091	+ 8,6	− 2,29	+20,3	0	−3			
Jul. 9	+0,013	+11,7	− 0,24	+20,5	0	−3			
19	+0,152	+14,9	+ 1,80	+20,0	−1	−3			
29	+0,321	+18,3	+ 3,76	+18,9	−1	−3			
Aug. 8	+0,518	+20,9	+ 5,57	+17,0	−1	−3			
18	+0,739	+23,1	+ 7,16	+14,6	−2	−3			
28	+0,980	+25,0	+ 8,48	+11,5	−2	−3			
Sept. 7	+1,239	+26,6	+ 9,45	+ 7,8	−2	−3			
17	+1,512	+27,8	+10,03	+ 3,7	−2	−3			
27	+1,795	+28,7	+10,18	− 0,8	−2	−3			
Oct. 7	+2,085	+29,1	+ 9,88	− 5,2	−2	−3			
17	+2,376	+29,0	+ 9,15	− 9,5	−2	−2			
27	+2,665	+28,5	+ 7,98	−13,6	−2	−2			
Nov. 6	+2,946	+27,4	+ 6,43	−17,2	−2	−2			
16	+3,213	+25,6	+ 4,55	−20,2	−2	−2			
26	+3,458	+23,2	+ 2,40	−22,5	−1	−2			
Dec. 6	+3,676	+20,1	+ 0,06	−23,9	−1	−2			
16	+3,860	+16,8	− 2,37	−24,5	−1	−2			
26	+4,004	+12,1	− 4,83	−24,2	0	−2			
36	+4,102	+ 7,5	− 7,22	−23,4	0	−3			

Diei reducto addendum est:

ante } Jun. 30 { + 1
post } Jun. 30 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Geminorum.*

		h ′ ″	° ′ ″
1830	Jan. 0	7 23 43,766	+32 15 0,78
	Apr. 10	43,648	1,14
	Jul. 19	43,534	1,56
	Oct. 27	43,426	2,04
	Dec. 66	43,322	2,59
1831	Jan. 0	7 23 47,198	+32 14 55,15
	Apr. 10	47,099	55,74
	Jul. 19	47,007	56,37
	Oct. 27	46,924	57,04
	Dec. 66	46,848	57,76
1832	Jan. 1	7 23 50,714	+32 14 50,27
	Apr. 10	50,645	51,01
	Jul. 19	50,586	51,77
	Oct. 27	50,537	52,55
	Dec. 66	50,498	53,35
1833	Jan. 0	7 23 54,351	+32 14 45,83
	Apr. 10	54,319	46,64
	Jul. 19	54,299	47,44
	Oct. 27	54,290	48,24
	Dec. 66	54,292	49,03
1834	Jan. 0	7 23 58,132	+32 14 41,51
	Apr. 10	58,141	42,29
	Jul. 19	58,161	43,04
	Oct. 27	58,191	43,76
	Dec. 66	58,232	44,46
1835	Jan. 0	7 24 2,059	+32 14 36,97
	Apr. 10	2,107	37,64
	Jul. 19	2,164	38,26
	Oct. 27	2,230	38,83
	Dec. 66	2,305	39,35
1836	Jan. 1	7 24 6,120	+32 14 31,91
	Apr. 10	6,201	32,40
	Jul. 19	6,288	32,82
	Oct. 27	6,381	33,17
	Dec. 66	6,481	33,46
1837	Jan. 0	7 24 10,289	+32 14 26,09
	Apr. 10	10,392	26,35
	Jul. 19	10,499	26,53
	Oct. 27	10,610	26,64
	Dec. 66	10,724	26,68
1838	Jan. 0	7 24 14,527	+32 14 19,89
	Apr. 10	14,643	19,38
	Jul. 19	14,759	19,30
	Oct. 27	14,875	18,15
	Dec. 66	14,991	18,94
1839	Jan. 0	7 24 18,793	+32 14 11,73
	Apr. 10	18,909	11,47
	Jul. 19	19,021	11,14
	Oct. 27	19,131	10,75
	Dec. 66	19,237	10,29
1840	Jan. 1	7 24 23,043	+32 14 3,16
	Apr. 10	23,146	2,66
	Jul. 19	23,243	2,12
	Oct. 27	23,334	1,52
	Dec. 66	23,418	0,88
1841	Jan. 0	7 24 27,232	+32 13 53,81
	Apr. 10	27,311	53,14
	Jul. 19	27,382	52,43
	Oct. 27	27,444	51,70
	Dec. 66	27,498	50,93
1842	Jan. 0	7 24 31,322	+32 13 43,89
	Apr. 10	31,369	43,11
	Jul. 19	31,406	42,32
	Oct. 27	31,433	41,52
	Dec. 66	31,449	40,72
1843	Jan. 0	7 24 35,286	+32 13 33,68
	Apr. 10	35,294	32,88
	Jul. 19	35,292	32,10
	Oct. 27	35,279	31,33
	Dec. 66	35,256	30,58
1844	Jan. 1	7 24 39,105	+32 13 23,51
	Apr. 10	39,074	22,78
	Jul. 19	39,033	22,09
	Oct. 27	38,981	21,44
	Dec. 66	38,918	20,82
1845	Jan. 0	7 24 42,781	+32 13 13,70
	Apr. 10	42,712	13,13
	Jul. 19	42,635	12,61
	Oct. 27	42,549	12,15
	Dec. 66	42,455	11,75
1846	Jan. 0	7 24 46,327	+32 13 4,55
	Apr. 10	46,228	4,20
	Jul. 19	46,124	3,92
	Oct. 27	46,014	3,71
	Dec. 66	45,899	3,58
1847	Jan. 0	7 24 49,778	+32 12 56,29
	Apr. 10	49,661	56,21
	Jul. 19	49,541	56,20
	Oct. 27	49,420	56,27
	Dec. 66	49,297	56,41
1848	Jan. 1	7 24 53,179	+32 12 49,02
	Apr. 10	53,057	49,22
	Jul. 19	52,936	49,49
	Oct. 27	52,819	49,83
	Dec. 66	52,703	50,24
1849	Jan. 0	7 24 56,581	+32 12 42,75
	Apr. 10	56,469	43,21
	Jul. 19	56,362	43,72
	Oct. 27	56,262	44,34
	Dec. 66	66,167	45,02

Tabulae X. Sect. V. *α Geminorum*.

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	+1,576	+18,8	— 4,00	+ 3,4	—1	—3
10	+1,738	+13,4	— 3,57	+ 5,1	—1	—3
20	+1,843	+ 7,6	— 2,99	+ 6,4	0	—3
30	+1,889	+ 1,7	— 2,29	+ 7,4	+1	—4
Febr. 9	+1,876	— 4,0	— 1,52	+ 7,9	+1	—4
19	+1,810	— 9,0	— 0,71	+ 8,0	+2	—4
Mart. 1	+1,697	—13,3	+ 0,07	+ 7,5	+3	—3
11	+1,545	—16,5	+ 0,78	+ 6,6	+3	—3
21	+1,367	—18,6	+ 1,39	+ 5,4	+3	—3
31	+1,174	—19,5	+ 1,85	+ 3,8	+4	—2
Apr. 10	+0,978	—19,2	+ 2,15	+ 2,2	+4	—2
20	+0,790	—17,8	+ 2,29	+ 0,5	+4	—2
30	+0,622	—15,5	+ 2,25	— 1,2	+4	—1
Maj. 10	+0,480	—12,4	+ 2,06	— 2,6	+3	—1
20	+0,374	— 8,7	+ 1,73	— 3,9	+3	—1
30	+0,306	— 4,7	+ 1,28	— 5,0	+3	0
Jun. 9	+0,281	— 0,4	+ 0,73	— 5,9	+2	0
19	+0,298	+ 3,9	+ 0,11	— 6,5	+1	0
29	+0,358	+ 8,0	— 0,56	— 6,9	+1	0
Jul. 9	+0,458	+12,0	— 1,27	— 7,3	0	0
19	+0,597	+15,6	— 2,01	— 7,4	—1	0
29	+0,770	+19,0	— 2,75	— 7,5	—1	0
Aug. 8	+0,976	+21,9	— 3,51	— 7,7	—2	0
18	+1,211	+24,8	— 4,28	— 7,8	—3	—1
28	+1,471	+27,2	— 5,06	— 7,8	—3	—1
Sept. 7	+1,754	+29,3	— 5,84	— 7,9	—4	—1
17	+2,057	+31,2	— 6,64	— 8,0	—4	—2
27	+2,378	+32,9	— 7,44	— 7,9	—5	—2
Oct. 7	+2,714	+34,1	— 8,22	— 7,8	—5	—3
17	+3,060	+35,0	— 8,99	— 7,5	—5	—4
27	+3,413	+35,4	— 9,71	— 6,8	—5	—4
Nov. 6	+3,767	+35,2	—10,35	— 5,9	—5	—5
16	+4,116	+34,2	—10,89	— 4,7	—5	—6
26	+4,451	+32,4	—11,29	— 3,2	—5	—6
Dec. 6	+4,764	+29,8	—11,53	— 1,6	—4	—7
16	+5,047	+26,3	—11,60	+ 0,3	—4	—7
26	+5,289	+21,9	—11,47	+ 2,3	—3	—7
36	+5,484	+16,8	—11,15	+ 4,0	—2	—8

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	7 23 44,0612	+32 15 8,881
1831	23 47,9035	15 1,635
1832	23 51,7456	14 54,384
1833	23 55,5876	14 47,128
1834	23 59,4295	14 39,866
1835	24 3,2713	14 32,599
1836	24 7,1129	14 25,327
1837	24 10,9544	14 18,049
1838	24 14,7958	14 10,766
1839	24 18,6371	14 3,478
1840	24 22,4782	13 56,186
1841	24 26,3192	13 48,887
1842	24 30,1601	13 41,583
1843	24 34,0009	13 34,273
1844	24 37,8415	13 26,960
1845	24 41,6821	13 19,640
1846	24 45,5225	13 12,315
1847	24 49,3628	13 4,985
1848	24 53,2029	12 57,650
1849	24 57,0429	12 50,309
1850	25 0,8828	12 42,963

Diei reducto addendum est:

ante } Jul. 11 { + 1
post } Jul. 11 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Canis minoris.*

		h ′ ″	° ′ ″
1830	Jan. 0	7 30 23,751	+ 5 39 4,76
	Apr. 10	23,652	5,13
	Jul. 19	23,556	5,57
	Oct. 27	23,463	6,06
	Dec. 66	23,373	6,62
1831	Jan. 0	7 30 26,550	+ 5 38 57,65
	Apr. 10	26,463	58,24
	Jul. 19	26,382	58,88
	Oct. 27	26,307	59,56
	Dec. 66	26,239	39 0,29
1832	Jan. 1	7 30 29,408	+ 5 38 51,25
	Apr. 10	29,344	52,00
	Jul. 19	29,288	52,76
	Oct. 27	29,240	53,55
	Dec. 66	29,201	54,35
1833	Jan. 0	7 30 32,360	+ 5 38 45,29
	Apr. 10	32,326	46,09
	Jul. 19	32,301	46,89
	Oct. 27	32,285	47,69
	Dec. 66	32,278	48,48
1834	Jan. 0	7 30 35,426	+ 5 38 39,42
	Apr. 10	35,426	40,20
	Jul. 19	35,434	40,94
	Oct. 27	35,451	41,65
	Dec. 66	35,477	42,33
1835	Jan. 0	7 30 38,614	+ 5 38 33,31
	Apr. 10	38,646	33,97
	Jul. 19	38,685	34,57
	Oct. 27	38,733	35,13
	Dec. 66	38,788	35,63
1836	Jan. 1	7 30 41,915	+ 5 38 26,67
	Apr. 10	41,975	27,14
	Jul. 19	42,041	27,54
	Oct. 27	42,113	27,88
	Dec. 66	42,191	28,16
1837	Jan. 0	7 30 45,311	+ 5 38 19,27
	Apr. 10	45,392	19,50
	Jul. 19	45,477	19,66
	Oct. 27	45,566	19,75
	Dec. 66	45,658	19,77
1838	Jan. 0	7 30 48,773	+ 5 38 10,96
	Apr. 10	48,867	10,93
	Jul. 19	48,961	10,84
	Oct. 27	49,057	10,67
	Dec. 66	49,153	10,44
1839	Jan. 0	7 30 52,267	+ 5 38 1,71
	Apr. 10	52,363	1,43
	Jul. 19	52,457	1,09
	Oct. 27	52,549	0,69
	Dec. 66	52,640	0,22
1840	Jan. 1	7 30 55,756	+ 5 37 51,56
	Apr. 10	55,845	51,05
	Jul. 19	55,929	50,50
	Oct. 27	56,008	49,90
	Dec. 66	56,083	49,25
1841	Jan. 0	7 30 59,205	+ 5 37 40,65
	Apr. 10	59,276	39,97
	Jul. 19	59,341	39,27
	Oct. 27	59,399	38,54
	Dec. 66	59,450	37,76
1842	Jan. 0	7 31 2,580	+ 5 37 29,19
	Apr. 10	2,626	28,41
	Jul. 19	2,664	27,63
	Oct. 27	2,694	26,84
	Dec. 66	2,715	26,04
1843	Jan. 0	7 31 5,856	+ 5 37 17,47
	Apr. 10	5,872	16,68
	Jul. 19	5,878	15,90
	Oct. 27	5,876	15,14
	Dec. 66	5,864	14,40
1844	Jan. 1	7 31 9,015	+ 5 37 5,81
	Apr. 10	8,998	5,09
	Jul. 19	8,971	4,41
	Oct. 27	8,936	3,77
	Dec. 66	8,891	3,18
1845	Jan. 0	7 31 12,053	+ 5 36 54,53
	Apr. 10	12,003	53,97
	Jul. 19	11,946	53,47
	Oct. 27	11,882	53,03
	Dec. 66	11,810	52,64
1846	Jan. 0	7 31 14,981	+ 5 36 43,92
	Apr. 10	14,905	43,58
	Jul. 19	14,823	43,32
	Oct. 27	14,736	43,13
	Dec. 66	14,644	43,02
1847	Jan. 0	7 31 17,821	+ 5 36 34,20
	Apr. 10	17,727	34,14
	Jul. 19	17,630	34,15
	Oct. 27	17,532	34,24
	Dec. 66	17,431	34,40
1848	Jan. 1	7 31 20,611	+ 5 36 25,48
	Apr. 10	20,510	25,70
	Jul. 19	20,410	25,99
	Oct. 27	20,311	26,34
	Dec. 66	20,214	26,76
1849	Jan. 0	7 31 23,392	+ 5 36 17,75
	Apr. 10	23,296	18,22
	Jul. 19	23,205	18,75
	Oct. 27	23,118	19,33
	Dec. 66	23,035	19,97

Tabulae X. Sect. V. α *Canis minoris.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	+1,336	+16,1	— 2,37	—13,3	—1	0
10	+1,475	+11,5	— 3,63	—11,9	0	0
20	+1,565	+ 6,5	— 4,74	—10,2	0	—1
30	+1,605	+ 1,5	— 5,67	— 8,4	+1	—1
Febr. 9	+1,595	— 3,3	— 6,42	— 6,6	+1	—1
19	+1,540	— 7,6	— 6,98	— 4,8	+2	—1
Mart. 1	+1,444	—11,3	— 7,38	— 3,2	+2	—2
11	+1,315	—14,0	— 7,62	— 1,7	+2	—2
21	+1,164	—15,8	— 7,72	— 0,4	+3	—2
31	+1,000	—16,6	— 7,70	+ 0,8	+3	—2
Apr. 10	+0,832	—16,4	— 7,57	+ 1,9	+3	—2
20	+0,672	—15,3	— 7,33	+ 2,9	+3	—2
30	+0,526	—13,5	— 7,00	+ 3,8	+3	—2
Maj. 10	+0,403	—11,0	— 6,58	+ 4,6	+2	—2
20	+0,307	— 8,0	— 6,08	+ 5,3	+2	—2
30	+0,244	— 4,6	— 5,52	+ 6,1	+2	—2
Jun. 9	+0,215	— 1,2	— 4,86	+ 6,9	+1	—2
19	+0,221	+ 2,4	— 4,15	+ 7,3	+1	—2
29	+0,262	+ 5,8	— 3,40	+ 7,6	+1	—2
Jul. 9	+0,336	+ 9,1	— 2,63	+ 7,7	0	—2
19	+0,443	+12,2	— 1,87	+ 7,5	0	—2
29	+0,579	+15,0	— 1,14	+ 6,9	—1	—2
Aug. 8	+0,743	+17,7	— 0,49	+ 5,9	—1	—2
18	+0,932	+20,0	+ 0,04	+ 4,6	—2	—2
28	+1,143	+22,2	+ 0,43	+ 3,0	—2	—2
Sept. 7	+1,375	+24,2	+ 0,63	+ 0,9	—2	—2
17	+1,627	+26,0	+ 0,61	— 1,4	—3	—2
27	+1,894	+27,4	+ 0,35	— 3,8	—3	—2
Oct. 7	+2,175	+28,7	— 0,15	— 6,3	—3	—2
17	+2,468	+29,6	— 0,90	— 8,7	—3	—3
27	+2,767	+30,1	— 1,88	—10,8	—3	—3
Nov. 6	+3,069	+30,0	— 3,06	—12,7	—3	—3
16	+3,366	+29,3	— 4,41	—14,0	—3	—3
26	+3,654	+27,8	— 5,86	—14,8	—3	—3
Dec. 6	+3,922	+25,6	— 7,37	—15,1	—2	—4
16	+4,165	+22,6	— 8,88	—14,8	—2	—4
26	+4,373	+18,8	—10,33	—14,0	—2	—4
36	+4,540	+14,4	—11,68	—12,8	—1	—5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	7 30 23 9063	+ 5 39 12,741
1831	30 27,0530	39 3,960
1832	30 30,1997	38 55,175
1833	30 33,3464	38 46,386
1834	30 36,4930	38 37,592
1835	30 39,6395	38 28,793
1836	30 42,7860	38 19,991
1837	30 45,9325	38 11,185
1838	30 49,0789	38 2,374
1839	30 52,2253	37 53,559
1840	30 55,3717	37 44,739
1841	30 58,5180	37 35,918
1842	31 1,6642	37 27,089
1843	31 4,8104	37 18,257
1844	31 7,9566	37 9,421
1845	31 11,1027	37 0,580
1846	31 14.2488	36 51,736
1847	31 17,3948	36 42,887
1848	31 20,5408	36 34,034
1849	31 23,6867	36 25,177
1850	31 26,8326	36 16,316

Diei reducto addendum est:

ante } Jul. 13 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. β *Geminorum.*

		h ′ ″	° ′ ″
1830	Jan. 0	7 34 53,783	+28 25 36,53
	Apr. 10	53,669	36,91
	Jul. 19	53,559	37,36
	Oct. 27	53,454	37,86
	Dec. 66	53,354	38,43
1831	Jan. 0	7 34 57,071	+28 25 30,09
	Apr. 10	56,975	30,69
	Jul. 19	56,886	31,34
	Oct. 27	56,804	32,02
	Dec. 66	56,732	32,75
1832	Jan. 1	7 35 0,440	+28 25 24,36
	Apr. 10	0,373	25,11
	Jul. 19	0,315	25,88
	Oct. 27	0,268	26,66
	Dec. 66	0,230	27,46
1833	Jan. 0	7 35 3,926	+28 25 19,04
	Apr. 10	3,895	19,84
	Jul. 19	3,875	20,64
	Oct. 27	3,866	21.43
	Dec. 66	3,868	22,21
1834	Jan. 0	7 35 7,550	+28 25 13,80
	Apr. 10	7,559	14,57
	Jul. 19	7,578	15,31
	Oct. 27	7,607	16,01
	Dec. 66	7,647	16,69
1835	Jan. 0	7 35 11,316	+28 25 8,31
	Apr. 10	11,363	8,96
	Jul. 19	11,418	9,55
	Oct. 27	11,482	10,10
	Dec. 66	11,554	10,59
1836	Jan. 1	7 35 15,213	+28 25 2,26
	Apr. 10	15,291	2,72
	Jul. 19	15,375	3,11
	Oct. 27	15,465	3,44
	Dec. 66	15,562	3,70
1837	Jan. 0	7 35 19,213	+28 24 55,46
	Apr. 10	19,313	55,68
	Jul. 19	19,417	55,82
	Oct. 27	19,524	55,90
	Dec. 66	19,634	55,91
1838	Jan. 0	7 35 23,280	+28 24 47,74
	Apr. 10	23,392	47,70
	Jul. 19	23,504	47,60
	Oct. 27	23,616	47,42
	Dec. 66	23,729	47,17
1839	Jan. 0	7 35 27,375	+28 24 39,09
	Apr. 10	27,486	38,78
	Jul. 19	27,595	38,44
	Oct. 27	27,701	38,01
	Dec. 66	27,804	37,55
1840	Jan. 1	7 35 31,453	+28 24 29,54
	Apr. 10	31,553	29,03
	Jul. 19	31,647	28,47
	Oct. 27	31,735	27,86
	Dec. 66	31,816	27,20
1841	Jan. 0	7 35 35,473	+28 24 19,24
	Apr. 10	35,550	18,56
	Jul. 19	35,619	17,85
	Oct. 27	35,679	17,11
	Dec. 66	35,731	16,34
1842	Jan. 0	7 35 39,398	+28 24 8,41
	Apr. 10	39,444	7,63
	Jul. 19	39,479	6,85
	Oct. 27	39,505	6,06
	Dec. 66	39,520	5,26
1843	Jan. 0	7 35 43,199	+28 23 57,33
	Apr. 10	43,209	56,54
	Jul. 19	43,206	55,77
	Oct. 27	43,193	55,02
	Dec. 66	43,170	54,28
1844	Jan. 1	7 35 46,862	+28 23 46,32
	Apr. 10	46,832	45,61
	Jul. 19	46,792	44,94
	Oct. 27	46,742	44,31
	Dec. 66	46,681	43,73
1845	Jan. 0	7 35 50,385	+28 23 35,71
	Apr. 10	50,319	35,16
	Jul. 19	50,244	34,67
	Oct. 27	50,161	34,24
	Dec. 66	50,070	33,87
1846	Jan. 0	7 35 53,784	+28 23 25,78
	Apr. 10	53,688	25,46
	Jul. 19	53,587	25,21
	Oct. 27	53,481	25,03
	Dec. 66	53,369	24,93
1847	Jan. 0	7 35 57,090	+28 23 16,74
	Apr. 10	56,976	16,69
	Jul. 19	56,860	16,71
	Oct. 27	56,743	16,81
	Dec. 66	56,624	16,99
1848	Jan. 1	7 36 0,346	+28 23 8,70
	Apr. 10	0,227	8,93
	Jul. 19	0,111	9,23
	Oct. 27	35 59,997	9,59
	Dec. 66	59,886	10,02
1849	Jan. 0	7 36 3,605	+28 23 1,65
	Apr. 10	3,496	2,12
	Jul. 19	3,393	2,66
	Oct. 27	3,296	3,24
	Dec. 66	3,205	3,88

Tabulae X. Sect. V. β *Geminorum.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	+1,499	+19,3	− 4,24	+ 0,6	−1	−2
10	+1,666	+14,0	− 4,09	+ 2,3	−1	−3
20	+1,779	+ 8,5	− 3,78	+ 3,9	0	−3
30	+1,835	+ 2,8	− 3,32	+ 5,2	+1	−3
Febr. 9	+1,834	− 2,7	− 2,75	+ 6,1	+1	−3
19	+1,781	− 7,7	− 2,11	+ 6,5	+2	−3
Mart. 1	+1,681	−12,0	− 1,45	+ 6,5	+2	−3
11	+1,542	−15,3	− 0,82	+ 6,0	+3	−3
21	+1,376	−17,4	− 0,25	+ 5,2	+3	−3
31	+1,194	−18,5	+ 0,22	+ 4,1	+3	−2
Apr. 10	+1,007	−18,4	+ 0,57	+ 2,9	+4	−2
20	+0,826	−17,3	+ 0,79	+ 1,6	+4	−2
30	+0,661	−15,2	+ 0,88	+ 0,2	+3	−1
Maj. 10	+0,522	−12,4	+ 0,83	− 1,0	+3	−1
20	+0,413	− 9,1	+ 0,68	− 2,1	+3	−1
30	+0,340	− 5,3	+ 0,41	− 3,1	+2	−1
Jun. 9	+0,307	− 1,3	+ 0,07	− 3,8	+2	0
19	+0,314	+ 2,7	− 0,35	− 4,5	+1	0
29	+0,360	+ 6,6	− 0,82	− 4,9	+1	0
Jul. 9	+0,445	+10,4	− 1,33	− 5,3	0	0
19	+0,567	+13,9	− 1,87	− 5,6	0	0
29	+0,722	+17,1	− 2,45	− 5,9	−1	0
Aug. 8	+0,908	+20,1	− 3,05	− 6,2	−2	0
18	+1,123	+22,8	− 3,69	− 6,6	−2	−1
28	+1,363	+25,2	− 4,37	− 7,0	−3	−1
Sept. 7	+1,626	+27,4	− 5,09	− 7,5	−3	−1
17	+1,911	+29,4	− 5,86	− 7,9	−4	−2
27	+2,214	+31,1	− 6,67	− 8,3	−4	−2
Oct. 7	+2,532	+32,5	− 7,51	− 8,5	−5	−3
17	+2,864	+33,6	− 8,36	− 8,5	−5	−3
27	+3,203	+34,2	− 9,21	− 8,4	−5	−4
Nov. 6	+3,547	+34,2	−10,03	− 7,9	−5	−4
16	+3,887	+33,5	−10,78	− 7,0	−5	−5
26	+4,216	+31,9	−11,42	− 5,7	−4	−5
Dec. 6	+4,525	+29,6	−11,92	− 4,3	−4	−6
16	+4,807	+26,4	−12,27	− 2,6	−4	−7
26	+5,052	+22,2	−12,43	− 0,7	−3	−7
36	+5,251	+17,4	−12,40	+ 1,3	−2	−7

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	7 34 54,0688	+23 25 44,428
1831	34 57,7532	25 36,290
1832	35 1,4375	25 28,147
1833	35 5,1216	25 19,999
1834	35 8,8056	25 11,846
1835	35 12,4895	25 3,687
1836	35 16,1733	24 55,524
1837	35 19,8570	24 47,356
1838	35 23,5405	24 39,184
1839	35 27,2239	24 31,007
1840	35 30,9072	24 22,825
1841	35 34,5904	24 14,638
1842	35 38,2734	24 6,446
1843	35 41,9563	23 58,249
1844	35 45,6391	23 50,047
1845	35 49,3218	23 41,839
1846	35 53,0044	23 33,627
1847	35 56,6868	23 25,410
1848	36 0,3691	23 17,188
1849	36 4,0513	23 8,961
1850	36 7,7334	23 0,731

Diei reducto addendum est:

ante } Jul. 14 { + 1
post } Jul. 14 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Hydrae.*

1830	Jan. 0	9ʰ 19′ 13″,832	−7° 55′ 59″,72	1840	Jan. 1	9ʰ 19′ 43″,639	−7° 58′ 4″,05
	Apr. 10	13,739	59,15		Apr. 10	43,724	4,68
	Jul. 19	13,648	58,54		Jul. 19	43,805	5,33
	Oct. 27	13,559	57,90		Oct. 27	43,883	5,00
	Dec. 66	13,473	57,23		Dec. 66	43,957	6,69
1831	Jan. 0	9 19 16,449	−7 55 52,76	1841	Jan. 0	9 19 46,880	−7 58 21,79
	Apr. 10	16,365	52,07		Apr. 10	46,951	22,49
	Jul. 19	16,286	51,37		Jul. 19	47,016	23,19
	Oct. 27	16,212	50,66		Oct. 27	47,076	23,89
	Dec. 66	16,143	49,94		Dec. 66	47,130	24,59
1832	Jan. 1	9 19 19,113	−7 56 5,49	1842	Jan. 0	9 19 50,060	−7 58 39,69
	Apr. 10	19,048	4,76		Apr. 10	50,109	40,38
	Jul. 19	18,990	4,05		Jul. 19	50,151	41,05
	Oct. 27	18,939	3,35		Oct. 27	50,186	41,70
	Dec. 66	18,895	2,66		Dec. 66	50,214	42,33
1833	Jan. 0	9 19 21,856	−7 56 18,20	1843	Jan. 0	9 19 53,152	−7 58 57,46
	Apr. 10	21,817	17,52		Apr. 10	53,174	58,07
	Jul. 19	21,787	16,88		Jul. 19	53,188	58,64
	Oct. 27	21,765	16,27		Oct. 27	53,194	59,16
	Dec. 66	21,751	15,69		Dec. 66	53,191	59,65
1834	Jan. 0	9 19 24,702	−7 56 31,19	1844	Jan. 1	9 19 56,140	−7 59 14,83
	Apr. 10	24,693	30,64		Apr. 10	56,132	15,28
	Jul. 19	24,693	30,14		Jul. 19	56,115	15,68
	Oct. 27	24,701	29,69		Oct. 27	56,090	16,03
	Dec. 66	24,718	29,29		Dec. 66	56,056	16,32
1835	Jan. 0	9 19 27,659	−7 56 44,73	1845	Jan. 0	9 19 59,015	−7 59 31,57
	Apr. 10	27,681	44,37		Apr. 10	58,976	31,81
	Jul. 19	27,710	44,06		Jul. 19	58,930	31,98
	Oct. 27	27,747	43,81		Oct. 27	58,877	32,09
	Dec. 66	27,792	43,62		Dec. 66	58,816	32,14
1836	Jan. 1	9 19 30,723	−7 56 58,99	1846	Jan. 0	9 20 1,784	−7 59 47,48
	Apr. 10	30,773	58,85		Apr. 10	1,719	47,48
	Jul. 19	30,828	58,77		Jul. 19	1,648	47,41
	Oct. 27	30,889	58,75		Oct. 27	1,572	47,27
	Dec. 66	30,956	58,79		Dec. 66	1,491	47,07
1837	Jan. 0	9 19 33,880	−7 57 14,09	1847	Jan. 0	9 20 4,465	−8 0 2,49
	Apr. 10	33,951	14,17		Apr. 10	4,381	2,24
	Jul. 19	34,026	14,32		Jul. 19	4,294	1,94
	Oct. 27	34,105	14,53		Oct. 27	4,204	1,57
	Dec. 66	34,187	14,80		Dec. 66	4,112	1,15
1838	Jan. 0	9 19 37,106	−7 57 30,02	1848	Jan. 1	9 20 7,090	−8 0 16,64
	Apr. 10	37,191	30,33		Apr. 10	6,998	16,18
	Jul. 19	37,277	30,69		Jul. 19	6,905	15,67
	Oct. 27	37,364	31,10		Oct. 27	6,813	15,11
	Dec. 66	37,453	31,57		Dec. 66	6,720	14,51
1839	Jan. 0	9 19 40,371	−7 57 46,73	1849	Jan. 0	9 20 9,698	−8 0 30,07
	Apr. 10	40,460	47,23		Apr. 10	9,607	29,44
	Jul. 19	40,548	47,76		Jul. 19	9,519	28,79
	Oct. 27	40,635	48,33		Oct. 27	9,435	28,11
	Dec. 66	40,721	48,94		Dec. 66	9,354	27,41

Tabulae X. Sect. V. *α Hydrae.*

	1840		1840		Var. 10 annor.	
Jan. 0	+1,052″	+24,7	+ 0,04″	−22,6	−2	+2
10	+1,280	+20,7	− 2,19	−21,8	−1	+1
20	+1,466	+16,2	− 4,31	−20,4	−1	+1
30	+1,604	+11,3	− 6,27	−18,6	0	+1
Febr. 9	+1,692	+ 6,4	− 8,02	−16,4	0	0
19	+1,731	+ 1,6	− 9,54	−14,0	+1	0
Mart. 1	+1,724	− 2,8	−10,82	−11,5	+1	0
11	+1,675	− 6,7	−11,84	− 8,9	+1	−1
21	+1,591	− 9,8	−12,60	− 6,5	+2	−1
31	+1,480	−12,0	−13,13	− 4,1	+2	−1
Apr. 10	+1,351	−13,4	−13,42	− 1,8	+2	−2
20	+1,212	−14,1	−13,49	+ 0,3	+3	−2
30	+1,070	−14,0	−13,36	+ 2,3	+3	−2
Maj. 10	+0,933	−13,2	−13,03	+ 4,2	+3	−2
20	+0,807	−11,9	−12,52	+ 6,0	+3	−2
30	+0,695	−10,2	−11,84	+ 7,6	+3	−2
Jun. 9	+0,603	− 8,2	−11,01	+ 9,0	+2	−3
19	+0,532	− 6,0	−10,05	+10,1	+2	−3
29	+0,484	− 3,6	− 8,99	+11,0	+2	−3
Jul. 9	+0,461	− 1,0	− 7,85	+11,7	+1	−3
19	+0,464	+ 1,6	− 6,66	+11,9	+1	−3
29	+0,493	+ 4,2	− 5,48	+11,6	+1	−3
Aug. 8	+0,548	+ 6,9	− 4,34	+11,0	0	−2
18	+0,631	+ 9,7	− 3,29	+ 9,7	0	−2
28	+0,742	+12,6	− 2,40	+ 7,9	−1	−2
Sept. 7	+0,882	+15,5	− 1,71	+ 5,7	−1	−2
17	+1,051	+18,4	− 1,27	+ 3,0	−2	−2
27	+1,249	+21,2	− 1,12	− 0,2	−2	−2
Oct. 7	+1,475	+24,0	− 1,31	− 3,7	−2	−1
17	+1,729	+26,6	− 1,85	− 7,2	−3	−1
27	+2,007	+28,8	− 2,74	−10,7	−3	−1
Nov. 6	+2,305	+30,5	− 3,98	−14,0	−3	−1
16	+2,617	+31,5	− 5,54	−17,0	−3	−1
26	+2,935	+31,7	− 7,37	−19,4	−3	−1
Dec. 6	+3,251	+31,0	− 9,41	−21,2	−3	−1
16	+3,555	+29,3	−11,60	−22,3	−3	−1
26	+3,837	+26,7	−13,87	−22,7	−2	−1
36	+4,089	+23,3	−16,13	−22,4	−2	−1

	A. R. med.	Decl. med.
1830	9ʰ 19′ 13″,8907	− 7° 55′ 34″,546
1831	19 16,8380	55 49,848
1832	19 19,7853	56 5,153
1833	19 22,7326	56 20,460
1834	19 25,6799	56 35,770
1835	19 28,6271	56 51,082
1836	19 31,5743	57 6,397
1837	19 34,5215	57 21,716
1838	19 37,4687	57 37,036
1839	19 40,4159	57 52,360
1840	19 43,3631	58 7,686
1841	19 46,3103	58 23,015
1842	19 49,2574	58 38,347
1843	19 52,2045	58 53,681
1844	19 55,1516	59 9,019
1845	19 58,0987	59 24,359
1846	20 1,0458	59 39,701
1847	20 3,9929	59 55,047
1848	20 6,9400	− 8 0 10,395
1849	20 9,8870	0 25,745
1850	20 12,8340	0 41,099

Diei reducto addendum est:

ante	Aug. 9	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Leonis.*

1830	Jan. 0	9h 59′ 18″,324	+12° 47′ 36″,56
	Apr. 10	18,225	37,17
	Jul. 19	18,130	37,81
	Oct. 27	18,039	38,46
	Dec. 66	17,953	39,14
1831	Jan. 0	9 59 21,186	+12 47 21,58
	Apr. 10	21,103	22,27
	Jul. 19	21,027	22,95
	Oct. 27	20,957	23,63
	Dec. 66	20,894	24,31
1832	Jan. 1	9 59 24,119	+12 47 6,75
	Apr. 10	24,061	7,42
	Jul. 19	24,012	8,07
	Oct. 27	23,971	8,70
	Dec. 66	23,939	9,31
1833	Jan. 0	9 59 27,153	+12 46 51,77
	Apr. 10	27,128	52,35
	Jul. 19	27,111	52,90
	Oct. 27	27,104	53,40
	Dec. 66	27,105	53,87
1834	Jan. 0	9 59 30,307	+12 46 36,38
	Apr. 10	30,315	36,81
	Jul. 19	30,332	37,19
	Oct. 27	30,358	37,52
	Dec. 66	30,393	37,79
1835	Jan. 0	9 59 33,584	+12 46 20,36
	Apr. 10	33,625	20,60
	Jul. 19	33,673	20,77
	Oct. 27	33,728	20,89
	Dec. 66	33,791	20,94
1836	Jan. 1	9 59 36,973	+12 46 3,58
	Apr. 10	37,041	3,59
	Jul. 19	37,114	3,55
	Oct. 27	37,192	3,44
	Dec. 66	37,276	3,28
1837	Jan. 0	9 59 40,451	+12 45 45,99
	Apr. 10	40,538	45,79
	Jul. 19	40,628	45,53
	Oct. 27	40,721	45,21
	Dec. 66	40,816	44,86
1838	Jan. 0	9 59 43,988	+12 45 27,63
	Apr. 10	44,085	27,24
	Jul. 19	44,182	26,80
	Oct. 27	44,279	26,32
	Dec. 66	44,376	25,80
1839	Jan. 0	9 59 47,547	+12 45 8,62
	Apr. 10	47,643	8,07
	Jul. 19	47,737	7,50
	Oct. 27	47,828	6,90
	Dec. 66	47,916	6,27

1840	Jan. 1	9h 59′ 51″,090	+12° 44′ 49″,13
	Apr. 10	51,176	48,49
	Jul. 19	51,257	47,84
	Oct. 27	51,333	47,18
	Dec. 66	51,403	46,51
1841	Jan. 0	9 59 54,583	+12 44 29,38
	Apr. 10	54,450	28,71
	Jul. 19	54,709	28,06
	Oct. 27	54,761	27,41
	Dec. 66	54,805	26,78
1842	Jan. 0	9 59 57,994	+12 44 9,63
	Apr. 10	58,033	9,01
	Jul. 19	58,064	8,42
	Oct. 27	58,086	7,86
	Dec. 66	58,099	7,33
1843	Jan. 0	10 0 1,299	+12 43 50,14
	Apr. 10	1,306	49,64
	Jul. 19	1,304	49,18
	Oct. 27	1,293	48,77
	Dec. 66	1,273	48,40
1844	Jan. 1	10 0 4,484	+12 43 31,15
	Apr. 10	4,457	30,83
	Jul. 19	4,422	30,56
	Oct. 27	4,378	30,35
	Dec. 66	4,326	30,20
1845	Jan. 0	10 0 7,547	+12 43 12,88
	Apr. 10	7,489	12,77
	Jul. 19	7,424	12,73
	Oct. 27	7,352	12,75
	Dec. 66	7,274	12,83
1846	Jan. 0	10 0 10,503	+12 42 55,43
	Apr. 10	10,420	55,55
	Jul. 19	10,333	55,74
	Oct. 27	10,241	55,99
	Dec. 66	10,144	56,31
1847	Jan. 0	10 0 13,380	+12 42 38,82
	Apr. 10	13,282	39,17
	Jul. 19	13,182	39,57
	Oct. 27	13,081	40,02
	Dec. 66	12,978	40,53
1848	Jan. 1	10 0 16,215	+12 42 22,98
	Apr. 10	16,113	23,51
	Jul. 19	16.012	24,08
	Oct. 27	15,914	24,68
	Dec. 66	15,817	25,31
1849	Jan. 0	10 0 19,052	+12 42 7,72
	Apr. 10	18,958	8,36
	Jul. 19	18,869	9,03
	Oct. 27	18,785	9,70
	Dec. 66	18,706	10,40

Tabulae X. Sect. V. *α Leonis.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	+0,885	+28,8	— 5,19	—14,9	—3	+1
10	+1,158	+25,4	— 6,58	—12,7	—2	0
20	+1,392	+21,2	— 7,73	—10,2	—2	0
30	+1,581	+16,5	— 8,61	— 7,5	—2	—1
Febr. 9	+1,721	+11,5	— 9,22	— 4,8	—1	—1
19	+1,810	+ 6,5	— 9,57	— 2,3	0	—1
Mart. 1	+1,851	+ 1,8	— 9,67	+ 0,1	0	—2
11	+1,846	— 2,5	— 9,56	+ 2,0	+1	—2
21	+1,801	— 6,1	— 9,28	+ 3,5	+1	—2
31	+1,724	— 9,0	— 8,87	+ 4,6	+2	—2
Apr. 10	+1,622	—11,1	— 8,36	+ 5,4	+2	—3
20	+1,503	—12,3	— 7,79	+ 5,8	+2	—3
30	+1,376	—12,8	— 7,21	+ 5,8	+3	—3
Maj. 10	+1,247	—12,6	— 6,63	+ 5,7	+3	—3
20	+1,124	—11,9	— 6,07	+ 5,4	+3	—2
30	+1,010	—10,7	— 5,56	+ 4,9	+3	—2
Jun. 9	+0,911	— 9,1	— 5,10	+ 4,3	+3	—2
19	+0,829	— 7,2	— 4,70	+ 3,6	+2	—2
29	+0 767	— 5,2	— 4,38	+ 2,8	+2	—2
Jul. 9	+0,726	— 3,0	— 4,14	+ 2,0	+2	—1
19	+0,707	— 0,8	— 3,99	+ 1,0	+1	—1
29	+0,711	+ 1,7	— 3,95	— 0,2	+1	—1
Aug. 8	+0,740	+ 4,2	— 4,03	— 1,5	0	—1
18	+0,795	+ 6,8	— 4,25	— 3,0	0	—1
28	+0,876	+ 9,6	— 4,62	— 4,6	—1	0
Sept. 7	+0,986	+12,5	— 5,17	— 6,5	—1	0
17	+1,126	+15,6	— 5,91	— 8,4	—2	0
27	+1,297	+18,7	— 6,85	—10,4	—2	0
Oct. 7	+1,499	+21,8	— 7,99	—12,4	—3	0
17	+1,733	+24,9	— 9,33	—14,4	—3	0
27	+1,996	+27,7	—10,86	—16,1	—4	0
Nov. 6	+2,287	+30,1	—12,55	—17,5	—4	0
16	+2,598	+31,9	—14,35	—18,3	—4	0
26	+2,925	+33,0	—16,21	—18,6	—4	0
Dec. 6	+3,257	+33,1	—18,07	—18,4	—4	—1
16	+3,587	+32,3	—19,89	—17,6	—4	—1
26	+3,903	+30,4	—21,58	—16,1	—4	—1
36	+4,195	+27,6	—23,10	—14,1	—4	—2

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	9 59 18,5754	+12 47 40,365
1831	59 21,7798	47 23,031
1832	59 24,9841	47 5,694
1833	59 28,1883	46 48,355
1834	59 31,3924	46 31,014
1835	59 34,5963	46 13,670
1836	59 37,8002	45 56,324
1837	59 41,0040	45 38,976
1838	59 44,2077	45 21,625
1839	59 47,4113	45 4,272
1840	59 50,6147	44 46,917
1841	59 53,8181	44 29,559
1842	59 57,0214	44 12,199
1843	10 0 0,2246	43 54,837
1844	0 3,4277	43 37,472
1845	0 6,6305	43 20,105
1846	0 9,8333	43 2,738
1847	0 13,0360	42 45,364
1848	0 16,2386	42 27,990
1849	0 19,4411	42 10,614
1850	0 22,6437	41 53,236

Diei reducto addendum est:

ante } Aug. 20 { + 1
post } Aug. 20 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *β Leonis.*

1830	Jan. 0	11ʰ 40′ 22″,615	+15° 31′ 19″,25	1840	Jan. 1	11ʰ 40′ 54″,075	+15° 27′ 56″,73
	Apr. 10	22,521	19,88		Apr. 10	54,156	56,14
	Jul. 19	22,431	20,50		Jul. 19	54,232	55,58
	Oct. 27	22,345	21,11		Oct. 27	54,302	55,04
	Dec. 66	22,264	21,71		Dec. 66	54,367	54,52
1831	Jan. 0	11 40 25,357	+15 31 1,43	1841	Jan. 0	11 40 57,411	+15 27 34,60
	Apr. 10	25,280	2,01		Apr. 10	57,472	34,10
	Jul. 19	25,209	2,56		Jul. 19	57,525	33,64
	Oct. 27	25,145	3,08		Oct. 27	57,571	33,22
	Dec. 66	25,088	3,57		Dec. 66	57,610	32,83
1832	Jan. 1	11 40 28,172	+15 30 43,32	1842	Jan. 0	11 41 0,663	+15 27 12,86
	Apr. 10	28,120	43,78		Apr. 10	0,697	12,50
	Jul. 19	28,077	44,20		Jul. 19	0,722	12,19
	Oct. 27	28,042	44,57		Oct. 27	0,738	11,93
	Dec. 66	28,016	44,89		Dec. 66	0,746	11,72
1833	Jan. 0	11 40 31,090	+15 30 24,70	1843	Jan. 0	11 41 3,810	+15 26 51,69
	Apr. 10	31,070	24,99		Apr. 10	3,812	51,51
	Jul. 19	31,058	25,23		Jul. 19	3,805	51,39
	Oct. 27	31,056	25,41		Oct. 27	3,789	51,33
	Dec. 66	31,062	25,54		Dec. 66	3,765	51,32
1834	Jan. 0	11 40 34,125	+15 30 5,41	1844	Jan. 1	11 41 6,840	+15 26 31,22
	Apr. 10	34,138	5,50		Apr. 10	6,810	31,25
	Jul. 19	34,159	5,53		Jul. 19	6,771	31,34
	Oct. 27	34,188	5,50		Oct. 27	6,725	31,48
	Dec. 66	34,226	5,42		Dec. 66	6,670	31,68
1835	Jan. 0	11 40 37,279	+15 29 45,37	1845	Jan. 0	11 41 9,754	+15 26 11,52
	Apr. 10	37,323	45,25		Apr. 10	9,694	11,75
	Jul. 19	37,373	45,08		Jul. 19	9,628	12,04
	Oct. 27	37,431	44,86		Oct. 27	9,555	12,38
	Dec. 66	37,495	44,58		Dec. 66	9,475	12,78
1836	Jan. 1	11 40 40,539	+15 29 24,58	1846	Jan. 0	11 41 12,568	+15 25 52,55
	Apr. 10	40,608	24,27		Apr. 10	12,484	52,97
	Jul. 19	40,682	23,92		Jul. 19	12,397	53,43
	Oct. 27	40,761	23,53		Oct. 27	12,306	53,93
	Dec. 66	40,844	23,09		Dec. 66	12,211	54,47
1837	Jan. 0	11 40 43,881	+15 29 3,15	1847	Jan. 0	11 41 15,308	+15 25 34,21
	Apr. 10	43,967	2,69		Apr. 10	15,211	34,76
	Jul. 19	44,056	2,20		Jul. 19	15,114	35,33
	Oct. 27	44,147	1,68		Oct. 27	15,016	35,93
	Dec. 66	44,241	1,13		Dec. 66	14,917	36,55
1838	Jan. 0	11 40 47,275	+15 28 41,23	1848	Jan. 1	11 41 18,015	+15 25 16,25
	Apr. 10	47,370	40,67		Apr. 10	17,916	16,88
	Jul. 19	47,464	40,09		Jul. 19	17,820	17,50
	Oct. 27	47,558	39,50		Oct. 27	17,726	18,13
	Dec. 66	47,651	38,90		Dec. 66	17,634	18,75
1839	Jan. 0	11 40 50,685	+15 28 19,01	1849	Jan. 0	11 41 20,729	+15 24 58,45
	Apr. 10	50,778	18,41		Apr. 10	20,641	59,08
	Jul. 19	50,868	17,81		Jul. 19	20,557	59,68
	Oct. 27	50,954	17,21		Oct. 27	20,479	25 0,27
	Dec. 66	51,037	16,62		Dec. 66	20,405	0,83

Tabulae X. Sect. V. *β Leonis.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	+0,346	+33,2	— 6,75	—18,4	—3	+2
10	+0,671	+31,4	— 8,47	—15,8	—3	+1
20	+0,973	+28,6	— 9,91	—12,8	—3	+1
30	+1,243	+25,0	—11,02	— 9,4	—3	0
Febr. 9	+1,474	+21,0	—11,79	— 6,0	—2	0
19	+1,663	+16,6	—12,22	— 2,6	—2	—1
Mart. 1	+1,806	+12,0	—12,31	+ 0,6	—1	—1
11	+1,903	+ 7,6	—12,11	+ 3,3	—1	—1
21	+1,957	+ 3,5	—11,66	+ 5,6	0	—2
31	+1,973	— 0,2	—10,99	+ 7,4	0	—2
Apr. 10	+1,954	— 3,3	—10,18	+ 8,6	+1	—2
20	+1,908	— 5,8	— 9,27	+ 9,4	+1	—2
30	+1,839	— 7,7	— 8,31	+ 9,6	+2	—2
Maj. 10	+1,755	— 9,1	— 7,36	+ 9,3	+2	—2
20	+1,658	—10,0	— 6,45	+ 8,7	+2	—2
30	+1,556	—10,4	— 5,62	+ 7,8	+3	—2
Jun. 9	+1,451	—10,5	— 4,89	+ 6,7	+3	—2
19	+1,347	—10,3	— 4,28	+ 5,4	+3	—2
29	+1,246	— 9,8	— 3,82	+ 3,9	+3	—2
Jul. 9	+1,152	— 9,0	— 3,50	+ 2,4	+3	—1
19	+1,067	— 7,9	— 3,35	+ 0,7	+2	—1
29	+0,994	— 6,6	— 3,37	— 1,2	+2	—1
Aug. 8	+0,935	— 5,0	— 3,58	— 3,0	+2	0
18	+0,894	— 3,0	— 3,97	— 5,0	+1	0
28	+0,875	— 0,7	— 4,57	— 7,0	+1	0
Sept. 7	+0,881	+ 2,1	— 5,37	— 9,2	0	0
17	+0,917	+ 5,3	— 6,40	—11,5	0	+1
27	+0,987	+ 8,8	— 7,64	—13,7	—1	+1
Oct. 7	+1,093	+12,6	— 9,11	—15,8	—1	+1
17	+1,239	+16,6	—10,79	—17,8	—2	+2
27	+1,425	+20,6	—12,67	—19,7	—2	+2
Nov. 6	+1,651	+24,4	—14,72	—21,1	—3	+2
16	+1,913	+27,9	—16,89	—22,1	—3	+2
26	+2,208	+30,7	—19,13	—22,5	—4	+2
Dec. 6	+2,526	+32,7	—21,38	—22,3	—4	+2
16	+2,861	+33,8	+23,58	—21,4	—4	+2
26	+3,201	+33,7	+25,65	—19,7	—4	+2
36	+3,535	+32,7	+27,52	—17,5	—4	+1

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	11 40 22,9094	+15 31 19,188
1831	40 25,9757	30 59,101
1832	40 29,0419	30 39,013
1833	40 32,1080	30 18,925
1834	40 35,1740	29 58,837
1835	40 38,2400	29 38,749
1836	40 41,3059	29 18,660
1837	40 44,3717	28 58,570
1838	40 47,4374	28 38,480
1839	40 50,5030	28 18,390
1840	40 53,5686	27 58,300
1841	40 56,6341	27 38,209
1842	40 59,6995	27 18,118
1843	41 2,7648	26 58,027
1844	41 5,8301	26 37,935
1845	41 8,8953	26 17,843
1846	41 11,9604	25 57,750
1847	41 15,0254	25 37,657
1848	41 18,0904	25 17,564
1849	41 21,1553	24 57,470
1850	41 24,2201	24 37,376

Diei reducto addendum est:

ante } Sept. 17 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. β *Virginis.*

1830	Jan. 0	11h 41′ 50″,209	+ 2° 43′ 20″,02	1840	Jan. 1	11h 42′ 21″,984	+ 2° 39′ 55″,34
	Apr. 10	50,114	20,66		Apr. 10	22,068	54,76
	Jul. 19	50,021	21,28		Jul. 19	22,150	54,20
	Oct. 27	49,932	21,89		Oct. 27	22,226	53,66
	Dec. 66	49,845	22,48		Dec. 66	22,298	53,14
1831	Jan. 0	11 41 52,998	+ 2 43 1,99	1841	Jan. 0	11 42 25,399	+ 2 39 33,02
	Apr. 10	52,915	2,57		Apr. 10	25,467	32,52
	Jul. 19	52,838	3,12		Jul. 19	25,529	32,06
	Oct. 27	52,767	3,64		Oct. 27	25,585	31,64
	Dec. 66	52,701	4,12		Dec. 66	25,634	31,25
1832	Jan. 1	11 41 55,846	+ 2 42 43,67	1842	Jan. 0	11 42 28,742	+ 2 39 11,08
	Apr. 10	55,785	44,13		Apr. 10	28,786	10,73
	Jul. 19	55,732	44,54		Jul. 19	28,822	10,42
	Oct. 27	55,687	44,90		Oct. 27	28,850	10,17
	Dec. 66	55,649	45,23		Dec. 66	28,871	9,96
1833	Jan. 0	11 41 58,785	+ 2 42 24,83	1843	Jan. 0	11 42 31,989	+ 2 38 49,72
	Apr. 10	58,753	25,12		Apr. 10	32,003	49,55
	Jul. 19	58,730	25,35		Jul. 19	32,009	49,44
	Oct. 27	58,715	25,52		Oct. 27	32,006	49,38
	Dec. 66	58,709	25,64		Dec. 66	31,995	49,37
1834	Jan. 0	11 42 1,835	+ 2 42 5,32	1844	Jan. 1	11 42 35,124	+ 2 38 29,07
	Apr. 10	1,835	5,40		Apr. 10	35,106	29,11
	Jul. 19	1,843	5,42		Jul. 19	35,080	29,20
	Oct. 27	1,860	5,39		Oct. 27	35,046	29,35
	Dec. 66	1,886	5,31		Dec. 66	35,003	29,55
1835	Jan. 0	11 42 5,000	+ 2 41 45,05	1845	Jan. 0	11 42 38,143	+ 2 38 9,18
	Apr. 10	5,032	44,93		Apr. 10	38,095	9,42
	Jul. 19	5,071	44,75		Jul. 19	38,039	9,72
	Oct. 27	5,117	44,52		Oct. 27	37,976	10,06
	Dec. 66	5,170	44,24		Dec. 66	37,906	10,45
1836	Jan. 1	11 42 8,276	+ 2 41 24,04	1846	Jan. 0	11 42 41,055	+ 2 37 50,02
	Apr. 10	8,334	23,73		Apr. 10	40,981	50,45
	Jul. 19	8,398	23,37		Jul. 19	40,902	50,91
	Oct. 27	8,468	22,97		Oct. 27	40,818	51,41
	Dec. 66	8,543	22,53		Dec. 66	40,730	51,95
1837	Jan. 0	11 42 11,642	+ 2 41 2,39	1847	Jan. 0	11 42 43,884	+ 2 37 31,47
	Apr. 10	11,721	1,92		Apr. 10	43,793	32,03
	Jul. 19	11,803	1,43		Jul. 19	43,700	32,61
	Oct. 27	11,888	0,91		Oct. 27	43,605	33,22
	Dec. 66	11,977	0,36		Dec. 66	43,507	33,84
1838	Jan. 0	11 42 15,071	+ 2 40 40,25	1848	Jan. 1	11 42 46,664	+ 2 37 13,33
	Apr. 10	15,161	39,69		Apr. 10	46,567	13,96
	Jul. 19	15,252	39,11		Jul. 19	46,471	14,59
	Oct. 27	15,344	38,52		Oct. 27	46,376	15,22
	Dec. 66	15,437	37,92		Dec. 66	46,282	15,84
1839	Jan. 0	11 42 18,530	+ 2 40 17,83	1849	Jan. 0	11 42 49,437	+ 2 36 55,34
	Apr. 10	18,622	17,22		Apr. 10	49,345	55,96
	Jul. 19	18,713	16,62		Jul. 19	49,257	56,56
	Oct. 27	18,802	16,03		Oct. 27	49,173	57,14
	Dec. 66	18,889	15,44		Dec. 66	49,094	57,70

Tabulae X. Sect. V. β *Virginis.*

	1840		1840		Var. 10 annor.	
Jan. 0	+0,334″	+32,5	− 2,47″	−20,9	−3	+2
10	+0,652	+30,7	− 4,51	−19,6	−3	+2
20	+0,947	+27,9	− 6,38	−17,7	−3	+2
30	+1,210	+24,5	− 8,05	−15,4	−2	+1
Febr. 9	+1,437	+20,6	− 9,46	−12,7	−2	+1
19	+1,621	+16,3	−10,59	−10,0	−1	+1
Mart. 1	+1,762	+12,0	−11,45	− 7,2	−1	0
11	+1,860	+ 7,8	−12,03	− 4,5	0	0
21	+1,917	+ 3,9	−12,35	− 2,1	0	−1
31	+1,938	+ 0,5	−12,45	+ 0,1	+1	−1
Apr. 10	+1,927	− 2,5	−12,34	+ 1,9	+1	−1
20	+1,889	− 4,8	−12,08	+ 3,3	+2	−1
30	+1,831	− 6,6	−11,69	+ 4,4	+2	−2
Maj. 10	+1,758	− 7,9	−11,20	+ 5,2	+2	−2
20	+1,673	− 8,8	−10,65	+ 5,7	+3	−2
30	+1,582	− 9,3	−10,06	+ 6,0	+3	−2
Jun. 9	+1,488	− 9,5	− 9,45	+ 6,1	+3	−2
19	+1,393	− 9,3	− 8,84	+ 6,0	+3	−2
29	+1,302	− 8,9	− 8,25	+ 5,7	+3	−2
Jul. 9	+1,215	− 8,4	− 7,70	+ 5,3	+3	−2
19	+1,135	− 7,5	− 7,19	+ 4,8	+3	−2
29	+1,066	− 6,3	− 6,75	+ 3,9	+2	−1
Aug. 8	+1,010	− 4,8	− 6,41	+ 2,9	+2	−1
18	+0,971	− 2,9	− 6,17	+ 1,7	+2	−1
28	+0,953	− 0,6	− 6,08	+ 0,1	+1	−1
Sept. 7	+0,960	+ 2,2	− 6,15	− 1,8	+1	−1
17	+0,996	+ 5,3	− 6,43	− 3,9	0	0
27	+1,065	+ 8,8	− 6,92	− 6,2	0	0
Oct. 7	+1,171	+12,5	− 7,66	− 8,7	−1	0
17	+1,315	+16,5	− 8,65	−11,2	−1	+1
27	+1,500	+20,5	− 9,90	−13,8	−2	+1
Nov. 6	+1,724	+24,2	−11,41	−16,2	−2	+1
16	+1,984	+27,6	−13,14	−18,3	−3	+2
26	+2,275	+30,3	−15,07	−20,0	−3	+2
Dec. 6	+2,590	+32,2	−17,14	−21,1	−3	+2
16	+2,919	+33,1	−19,28	−21,6	−3	+2
26	+3,252	+33,0	−21,45	−21,4	−3	+2
36	+3,579	+32,0	−23,55	−20,5	−3	+2

	A. R. med.	Decl. med.
1830	11h 41′ 50″,3649	+ 2° 43′ 19″,904
1831	41 53,4893	42 59,612
1832	41 56,6137	42 39,319
1833	41 59,7381	42 19,026
1834	42 2,8625	41 58,733
1835	42 5,9867	41 38,438
1836	42 9,1110	41 18,144
1837	42 12,2353	40 57,850
1838	42 15,3596	40 37,555
1839	42 18,4839	40 17,260
1840	42 21,6084	39 56,964
1841	42 24,7327	39 36,668
1842	42 27,8570	39 16,372
1843	42 30,9813	38 56,076
1844	42 34,1056	38 35,779
1845	42 37,2299	38 15,481
1846	42 40,3542	37 55,183
1847	42 43,4785	37 34,885
1848	42 46,6028	37 14,587
1849	42 49,7271	36 54,289
1850	42 52,8512	36 33,991

Diei reducto addendum est:

ante } Sept. 17 { + 1
post } Sept. 17 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. α Virginis.

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	13 16 14,821	—10 16 14,16	1840	Jan. 1	13 16 46,582	—10 19 32,82
	Apr. 10	14,721	13,62		Apr. 10	46,674	33,24
	Jul. 19	14,623	13,12		Jul. 19	46,762	33,62
	Oct. 27	14,527	12,66		Oct. 27	46,845	33,95
	Dec. 66	14,434	12,24		Dec. 66	46,927	34,24
1831	Jan. 0	13 16 17,615	—10 16 31,39	1841	Jan. 0	13 16 50,048	—10 19 53,15
	Apr. 10	17,522	31,01		Apr. 10	50,126	53,40
	Jul. 19	17,434	30,68		Jul. 19	50,198	53,59
	Oct. 27	17,353	30,41		Oct. 27	50,264	53,73
	Dec. 66	17,277	30,19		Dec. 66	50,325	53,82
1832	Jan. 1	13 16 20,448	—10 16 49,26	1842	Jan. 0	13 16 53,453	—10 20 12,79
	Apr. 10	20,376	49,08		Apr. 10	53,509	12,84
	Jul. 19	20,312	48,96		Jul. 19	53,557	12,83
	Oct. 27	20,255	48,90		Oct. 27	53,597	12,76
	Dec. 66	20,205	48,91		Dec. 66	53,629	12,64
1833	Jan. 0	13 16 23,368	—10 17 7,91	1843	Jan. 0	13 16 56,767	—10 20 31,68
	Apr. 10	23,324	7,95		Apr. 10	56,794	31,52
	Jul. 19	23,288	8,05		Jul. 19	56,812	31,30
	Oct. 27	23,261	8,21		Oct. 27	56,821	31,02
	Dec. 66	23,243	8,43		Dec. 66	56,821	30,69
1834	Jan. 0	13 16 26,394	—10 17 27,36	1844	Jan. 1	13 16 59,970	—10 20 49,80
	Apr. 10	26,382	27,62		Apr. 10	59,964	49,44
	Jul. 19	26,379	27,92		Jul. 19	59,949	49,03
	Oct. 27	26,385	28,28		Oct. 27	59,925	48,57
	Dec. 66	26,399	28,68		Dec. 66	59,892	48,07
1835	Jan. 0	13 16 29,540	—10 17 47,55	1845	Jan. 0	13 17 3,052	—10 21 7,23
	Apr. 10	29,560	47,98		Apr. 10	3,014	6,70
	Jul. 19	29,589	48,45		Jul. 19	2,967	6,15
	Oct. 27	29,626	48,96		Oct. 27	2,913	5,57
	Dec. 66	29,671	49,50		Dec. 66	2,850	4,96
1836	Jan. 1	13 16 32,802	—10 18 8,32	1846	Jan. 0	13 17 6,020	—10 21 24,15
	Apr. 10	32,852	8,88		Apr. 10	5,952	23,53
	Jul. 19	32,909	9,46		Jul. 19	5,878	22,89
	Oct. 27	32,972	10,06		Oct. 27	5,798	22,24
	Dec. 66	33,042	10,68		Dec. 66	5,713	21,58
1837	Jan. 0	13 16 36,165	—10 18 29,47	1847	Jan. 0	13 17 8,891	—10 21 40,78
	Apr. 10	36,239	30,09		Apr. 10	8,802	40,12
	Jul. 19	36,317	30,72		Jul. 19	8,710	39,48
	Oct. 27	36,400	31,35		Oct. 27	8,615	38,84
	Dec. 66	36,487	31,98		Dec. 66	8,517	38,22
1838	Jan. 0	13 16 39,605	—10 18 50,77	1848	Jan. 1	13 17 11,698	—10 21 57,41
	Apr. 10	39,694	51,39		Apr. 10	11,599	56,80
	Jul. 19	39,785	51,99		Jul. 19	11,500	56,23
	Oct. 27	39,878	52,58		Oct. 27	11,401	55,68
	Dec. 66	39,973	53,15		Dec. 66	11,302	55,17
1839	Jan. 0	13 16 43,089	—10 19 11,96	1849	Jan. 0	13 17 14,483	—10 22 14,32
	Apr. 10	43,185	12,51		Apr. 10	14,385	13,83
	Jul. 19	43,279	13,03		Jul. 19	14,290	13,40
	Oct. 27	43,373	13,52		Oct. 27	14,198	13,01
	Dec. 66	43,465	13,97		Dec. 66	14,110	12,67

Tabulae X. Sect. V. *α Virginis.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	−0,211	+33,4	+ 2,24	−20,1	−3	+2
10	+0,124	+33,2	+ 0,21	−20,4	−3	+2
20	+0,452	+32,0	− 1,83	−20,1	−3	+2
30	+0,763	+29,9	− 3,81	−19,2	−3	+2
Febr. 9	+1,050	+27,2	− 5,67	−17,8	−2	+2
19	+1,307	+24,1	− 7,36	−16,0	−2	+2
Mart. 1	+1,531	+20,6	− 8,86	−13,9	−2	+2
11	+1,718	+17,0	−10,13	−11,6	−1	+2
21	+1,870	+13,4	−11,18	− 9,4	0	+2
31	+1,986	+10,0	−12,00	− 7,1	0	+1
Apr. 10	+2,070	+ 6,9	−12,59	− 5,0	+1	+1
20	+2,124	+ 4,1	−12,99	− 3,1	+1	+1
30	+2,151	+ 1,5	−13,21	− 1,5	+2	+1
Maj. 10	+2,153	− 0,9	−13,28	+ 0,1	+2	0
20	+2,133	− 3,0	−13,20	+ 1,4	+3	0
30	+2,094	− 4,8	−13,00	+ 2,5	+3	0
Jun. 9	+2,037	− 6,5	−12,70	+ 3,5	+3	0
19	+1,964	− 8,0	−12,31	+ 4,3	+3	−1
29	+1,878	− 9,2	−11,85	+ 5,0	+4	−1
Jul. 9	+1,780	−10,2	−11,32	+ 5,6	+4	−1
19	+1,675	−10,8	−10,74	+ 6,0	+4	−1
29	+1,564	−11,2	−10,13	+ 6,2	+3	−1
Aug. 8	+1,452	−10,9	− 9,50	+ 6,3	+3	−1
18	+1,346	−10,2	− 8,88	+ 6,0	+3	−1
28	+1,249	− 8,8	− 8,30	+ 5,5	+3	−1
Sept. 7	+1,170	− 6,8	− 7,78	+ 4,7	+2	−1
17	+1,114	− 4,1	− 7,37	+ 3,4	+2	−1
27	+1,089	− 0,7	− 7,11	+ 1,7	+1	0
Oct. 7	+1,101	+ 3,3	− 7,03	− 0,3	+1	0
17	+1,154	+ 7,7	− 7,17	− 2,7	0	0
27	+1,254	+12,3	− 7,57	− 5,4	0	+1
Nov. 6	+1,400	+16,9	− 8,24	− 8,1	−1	+1
16	+1,592	+21,4	− 9,19	−11,0	−1	+2
26	+1,828	+25,5	−10,43	−13,7	−1	+2
Dec. 6	+2,102	+28,9	−11,92	−16,0	−2	+3
16	+2,405	+31,4	−13,63	−18,0	−2	+3
26	+2,729	+32,9	−15,52	−19,4	−2	+3
36	+3,063	+33,4	−17,51	−20,3	−2	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	13 16 14,8488	−10 16 17,884
1831	16 17,9953	16 36,895
1832	16 21,1419	16 55,905
1833	16 24,2886	17 14,913
1834	16 27,4354	17 33,919
1835	16 30,5824	17 52,923
1836	16 33,7295	18 11,926
1837	16 36,8767	18 30,928
1838	16 40,0240	18 49,928
1839	16 43,1714	19 8,927
1840	16 46,3189	19 27,925
1841	16 49,4665	19 46,921
1842	16 52,6142	20 5,915
1843	16 55,7621	20 24,908
1844	16 58,9101	20 43,899
1845	17 2,0582	21 2,888
1846	17 5,2064	21 21,876
1847	17 8,3547	21 40,863
1848	17 11,5031	21 59,848
1849	17 14,6516	22 18,831
1850	17 17,8003	22 37,813

Diei reducto addendum est:

ante } Oct. 13 { + 1
post } Oct. 13 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Bootis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	14 7 54,270	+ 20 4 20,91	1840	Jan. 1	14 8 22,389	+ 20 0 59,31
	Apr. 10	54,186	21,36		Apr. 10	22,462	59,01
	Jul. 19	54,105	21,76		Jul. 19	22,529	58,76
	Oct. 27	54,029	22,10		Oct. 27	22,591	58,56
	Dec. 66	53,956	22,39		Dec. 66	22,647	58,42
1831	Jan. 0	14 7 56,712	+ 20 4 3,31	1841	Jan. 0	14 8 25,362	+ 20 0 39,50
	Apr. 10	56,643	3,56		Apr. 10	25,414	39,40
	Jul. 19	56,581	3,74		Jul. 19	25,460	39,37
	Oct. 27	56,525	3,86		Oct. 27	25,499	39,39
	Dec. 66	56,476	3,91		Dec. 66	25,532	39,48
1832	Jan. 1	14 7 59,224	+ 20 3 44,92	1842	Jan. 0	14 8 28,255	+ 20 0 20,48
	Apr. 10	59,180	44,93		Apr. 10	28,282	20,61
	Jul. 19	59,143	44,87		Jul. 19	28,302	20,79
	Oct. 27	59,115	44,75		Oct. 27	28,314	21,04
	Dec. 66	59,094	44,57		Dec. 66	28,318	21,34
1833	Jan. 0	14 8 1,832	+ 20 3 25,66	1843	Jan. 0	14 8 31,050	+ 20 0 2,27
	Apr. 10	1,817	25,44		Apr. 10	31,049	2,61
	Jul. 19	1,810	25,16		Jul. 19	31,040	3,00
	Oct. 27	1,811	24,82		Oct. 27	31,023	3,44
	Dec. 66	1,820	24,43		Dec. 66	30,997	3,93
1834	Jan. 0	14 8 4,548	+ 20 3 5,58	1844	Jan. 1	14 8 33,739	+ 19 59 44,80
	Apr. 10	4,563	5,16		Apr. 10	33,708	45,32
	Jul. 19	4,585	4,69		Jul. 19	33,670	45,88
	Oct. 27	4,615	4,18		Oct. 27	33,625	46,47
	Dec. 66	4,653	3,63		Dec. 66	33,572	47,10
1835	Jan. 0	14 8 7,372	+ 20 2 44,84	1845	Jan. 0	14 8 36,323	+ 19 59 27,93
	Apr. 10	7,415	44,26		Apr. 10	36,266	28,57
	Jul. 19	7,464	43,66		Jul. 19	36,203	29,23
	Oct. 27	7,519	43,03		Oct. 27	36,134	29,91
	Dec. 66	7,580	42,38		Dec. 66	36,060	30,60
1836	Jan. 1	14 8 10,291	+ 20 2 23,63	1846	Jan. 0	14 8 38,818	+ 19 59 11,42
	Apr. 10	10,357	22,97		Apr. 10	38,740	12,11
	Jul. 19	10,426	22,30		Jul. 19	38,659	12,80
	Oct. 27	10,500	21,63		Oct. 27	38,575	13,48
	Dec. 66	10,577	20,96		Dec. 66	38,487	14,16
1837	Jan. 0	14 8 13,283	+ 20 2 2,21	1847	Jan. 0	14 8 41,250	+ 19 58 54,99
	Apr. 10	13,362	1,54		Apr. 10	41,161	55,65
	Jul. 19	13,445	0,89		Jul. 19	41,071	56,29
	Oct. 27	13,529	0,25		Oct. 27	40,981	56,89
	Dec. 66	13,615	1 59,62		Dec. 66	40,891	57,47
1838	Jan. 0	14 8 16,319	+ 20 1 40,86	1848	Jan. 1	14 8 43,654	+ 19 58 38,33
	Apr. 10	16,405	40,25		Apr. 10	43,565	38,89
	Jul. 19	16,491	39,68		Jul. 19	43,477	39,39
	Oct. 27	16,576	39,13		Oct. 27	43,392	39,85
	Dec. 66	16,661	38,62		Dec. 66	43,310	40,27
1839	Jan. 0	14 8 19,366	+ 20 1 19,82	1849	Jan. 0	14 8 46,070	+ 19 58 21,18
	Apr. 10	19,450	19,34		Apr. 10	45,991	21,56
	Jul. 19	19,530	18,90		Jul. 19	45,916	21,88
	Oct. 27	19,608	18,51		Oct. 27	45,847	22,13
	Dec. 66	19,682	18,17		Dec. 66	45,782	22,33

Tabulae X. Sect. V. *α Bootis.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	″		″					h ′ ″	° ′ ″
Jan. 0	−0,550	+31,9	− 7,50	−24,4	−3	+2	1830	14 7 54,5729	+20 4 15,445
10	−0,224	+32,9	− 9,82	−21,7	−3	+2	1831	7 57,3053	3 56,458
20	+0,107	+32,9	−11,84	−18,4	−3	+2	1832	8 0,0377	3 37,474
30	+0,433	+32,0	−13,50	−14,6	−3	+2	1833	8 2,7701	3 18,491
Febr. 9	+0,746	+30,2	−14,75	−10,3	−3	+1	1834	8 5,5025	2 59,511
							1835	8 8,2350	2 40,533
19	+1,037	+27,7	−15,55	− 5,8	−3	+1	1836	8 10,9675	2 21,557
Mart. 1	+1,299	+24,7	−15,91	− 1,4	−2	+1	1837	8 13,7000	2 2,583
11	+1,531	+21,5	−15,83	+ 2,8	−2	0	1838	8 16,4325	1 43,612
21	+1,728	+18,0	−15,36	+ 6,6	−2	0	1839	8 19,1650	1 24,642
31	+1,890	+14,4	−14,52	+ 9,8	−1	0	1840	8 21,8974	1 5,675
							1841	8 24,6299	0 46,710
Apr. 10	+2,016	+11,0	−13,40	+12,4	−1	−1	1842	8 27,3624	0 27,747
20	+2,109	+ 7,7	−12,05	+14,3	0	−1	1843	8 30,0949	0 8,787
30	+2,170	+ 4,6	−10,55	+15,5	0	−1	1844	8 32,8275	19 59 49,828
Maj. 10	+2,201	+ 1,7	− 8,96	+15,9	+1	−1	1845	8 35,5601	59 30,872
20	+2,204	− 1,1	− 7,37	+15,7	+1	−1	1846	8 38,2927	59 11,918
							1847	8 41,0253	58 52,966
30	+2,180	− 3,6	− 5,82	+15,0	+1	−1	1848	8 43,7579	58 34,016
Jun. 9	+2,133	− 5,9	− 4,38	+13,7	+2	−1	1849	8 46,4905	58 15,068
19	+2,063	− 8,1	− 3,08	+12,0	+2	−1	1850	8 49,2232	57 56,122
29	+1,972	−10,0	− 1,98	+10,0	+2	−1			
Jul. 9	+1,864	−11,5	− 1,09	+ 7,7	+3	−1			
19	+1,742	−12,9	− 0,44	+ 4,7	+3	0			
29	+1,607	−13,8	− 0,05	+ 2,0	+3	0			
Aug. 8	+1,466	−14,3	+ 0,06	− 0,3	+3	0			
18	+1,322	−14,2	− 0,10	− 3,0	+3	0			
28	+1,183	−13,4	− 0,54	− 5,9	+3	+1			
Sept. 7	+1,054	−12,0	− 1,28	− 8,9	+2	+1			
17	+0,943	− 9,9	− 2,31	−11,8	+2	+2			
27	+0,857	− 7,0	− 3,63	−14,6	+2	+2			
Oct. 7	+0,804	− 3,4	− 5,23	−17,4	+1	+2			
17	+0,790	+ 0,9	− 7,11	−20,1	+1	+3			
27	+0,821	+ 5,5	− 9,24	−22,5	0	+3			
Nov. 6	+0,900	+10,4	−11,60	−24,5	0	+4			
16	+1,028	+15,3	−14,13	−26,0	−1	+4			
26	+1,206	+20,1	−16,80	−27,1	−1	+4			
Dec. 6	+1,429	+24,3	−19,54	−27,4	−2	+4			
16	+1,692	+22,9	−22,27	−26,9	−2	+5			
26	+1,987	+30,6	−24,91	−25,5	−2	+5			
36	+2,304	+32,4	−27,37	−23,5	−3	+4			

Diei reducto addendum est:

ante } Oct. 27 { + 1
post }   { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. 1 *α Librae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	14 41 17,858	—15 17 0,71	1840	Jan. 1	14 41 51,147	—15 19 47,89
	Apr. 10	17,752	0,32		Apr. 10	51,244	48,11
	Jul. 19	17,649	0,00		Jul. 19	51,337	48,27
	Oct. 27	17,548	16 59,74		Oct. 27	51,426	48,37
	Dec. 66	17,449	59,55		Dec. 66	51,512	48,41
1831	Jan 0	14 41 20,783	—15 17 14,98	1841	Jan. 0	14 41 54,787	—15 20 3,74
	Apr. 10	20,686	14,83		Apr. 10	54,869	3,74
	Jul. 19	20,595	14,75		Jul. 19	54,946	3,67
	Oct. 27	20,509	14,74		Oct. 27	55,017	3,54
	Dec. 66	20,428	14,79		Dec. 66	55,082	3,34
1832	Jan. 1	14 41 23,756	—15 17 30,14	1842	Jan. 0	14 41 58,363	—15 20 18,75
	Apr. 10	23,679	30,24		Apr. 10	58,423	18,51
	Jul. 19	23,610	30,40		Jul. 19	58,475	18,22
	Oct. 27	23,549	30,63		Oct. 27	58,519	17,86
	Dec. 66	23,495	30,93		Dec. 66	58,554	17,45
1833	Jan. 0	14 41 26,813	—15 17 46,19	1843	Jan. 0	14 42 1,846	—15 20 32,93
	Apr. 10	26,766	46,52		Apr. 10	1,876	32,48
	Jul. 19	26,727	46,91		Jul. 19	1,896	31,99
	Oct. 27	26,697	47,35		Oct. 27	1,907	31,45
	Dec. 66	26,676	47,84		Dec. 66	1,908	30,87
1834	Jan. 0	14 41 29,984	—15 18 3,04	1844	Jan. 1	14 42 5,212	—15 20 46,40
	Apr. 10	29,969	3,56		Apr. 10	5,207	45,79
	Jul. 19	29,964	4,12		Jul. 19	5,193	45,16
	Oct. 27	29,968	4,72		Oct. 27	5,169	44,49
	Dec. 66	29,982	5,36		Dec. 66	5,136	43,80
1835	Jan. 0	14 41 33,278	—15 18 20,50	1845	Jan. 0	14 42 8,451	—15 20 59,36
	Apr. 10	33,298	21,15		Apr. 10	8,412	58,65
	Jul. 19	33,327	21,82		Jul. 19	8,364	57,94
	Oct. 27	33,364	22,51		Oct. 27	8,308	57,22
	Dec. 66	33,410	23,21		Dec. 66	8,243	56,50
1836	Jan. 1	14 41 36,695	—15 18 38,33	1846	Jan. 0	14 42 11,569	—15 21 12,07
	Apr. 10	36,747	39,04		Apr. 10	11,499	11,35
	Jul. 19	36,805	39,74		Jul. 19	11,423	10,64
	Oct. 27	36,871	40,43		Oct. 27	11,340	9,96
	Dec. 66	36,943	41,12		Dec. 66	11,251	9,29
1837	Jan. 0	14 41 40,220	—15 18 56,25	1847	Jan. 0	14 42 14,585	—15 21 24,83
	Apr. 10	40,296	56,93		Apr. 10	14,492	24,18
	Jul. 19	40,377	57,59		Jul. 19	14,396	23,57
	Oct. 27	40,463	58,22		Oct. 27	14,297	23,00
	Dec. 66	40,555	58,82		Dec. 66	14,194	22,46
1838	Jan. 0	14 41 43,826	—15 19 13,97	1848	Jan. 1	14 42 17,532	—15 21 37,95
	Apr. 10	43,919	14,56		Apr. 10	17,428	37,45
	Jul. 19	44,014	15,10		Jul. 19	17,324	37,00
	Oct. 27	44,111	15,60		Oct. 27	17,220	36,61
	Dec. 66	44,211	16,06		Dec. 66	17,115	36,27
1839	Jan. 0	14 41 47,480	—15 19 31,25	1849	Jan. 0	14 42 20,453	—15 21 51,69
	Apr. 10	47,580	31,68		Apr. 10	20,350	51,40
	Jul. 19	47,680	32,05		Jul. 19	20,250	51,17
	Oct. 27	47,779	32,37		Oct. 27	20,153	51,01
	Dec. 66	47,877	32,63		Dec. 66	20,060	50,92

Tabulae X. Sect. V. 1α *Librae.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	−0,693	+31,6	+ 3,45	−15,2	−3	+1
10	−0,368	+32,9	+ 1,87	−16,2	−3	+1
20	−0,036	+33,2	+ 0,22	−16,6	−3	+2
30	+0,296	+32,7	− 1,45	−16,5	−3	+2
Febr. 9	+0,618	+31,4	− 3,08	−15,8	−3	+2
19	+0,923	+29,4	− 4,61	−14,7	−3	+2
Mart. 1	+1,206	+27,1	− 6,02	−13,3	−2	+2
11	+1,464	+24,4	− 7,26	−11,6	−2	+3
21	+1,694	+21,6	− 8,33	− 9,8	−1	+3
31	+1,895	+18,7	− 9,21	− 8,0	−1	+3
Apr. 10	+2,067	+15,8	− 9,92	− 6,2	0	+2
20	+2,210	+12,9	−10,45	− 4,6	0	+2
30	+2,325	+10,1	−10,83	− 3,1	+1	+2
Maj. 10	+2,411	+ 7,3	−11,07	− 1,8	+1	+2
20	+2,470	+ 4,6	−11,19	− 0,7	+2	+2
30	+2,502	+ 1,8	−11,21	+ 0,3	+2	+2
Jun. 9	+2,506	− 0,9	−11,13	+ 1,2	+3	+2
19	+2,484	− 3,6	−10,98	+ 1,9	+3	+1
29	+2,435	− 6,1	−10,76	+ 2,6	+4	+1
Jul. 9	+2,362	− 8,5	−10,47	+ 3,2	+4	+1
19	+2,266	−10,5	−10,12	+ 3,8	+4	+1
29	+2,152	−12,2	− 9,71	+ 4,4	+4	+1
Aug. 8	+2,022	−13,5	− 9,25	+ 4,8	+4	0
18	+1,883	−14,0	− 8,76	+ 5,1	+4	0
28	+1,743	−13,8	− 8,24	+ 5,2	+4	0
Sept. 7	+1,607	−12,9	− 7,72	+ 5,0	+3	0
17	+1,485	−11,1	− 7,24	+ 4,6	+3	0
27	+1,386	− 8,3	− 6,81	+ 3,8	+3	0
Oct. 7	+1,319	− 4,8	− 6,49	+ 2,6	+2	0
17	+1,290	− 0,7	− 6,29	+ 1,1	+2	+1
27	+1,306	+ 4,1	− 6,28	− 0,9	+1	+1
Nov. 6	+1,371	+ 9,1	− 6,47	− 3,1	+1	+1
16	+1,488	+14,2	− 6,89	− 5,5	0	+2
26	+1,655	+19,1	− 7,56	− 7,9	0	+2
Dec. 6	+1,869	+23,6	− 8,47	−10,3	−1	+3
16	+2,126	+27,4	− 9,62	−12,5	−1	+3
26	+2,416	+30,2	−10,96	−14,3	−1	+4
36	+2,729	+32,2	−12,47	−15,6	−2	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	14 41 17,8702	−15 17 7,161
1831	41 21,1711	17 22,533
1832	41 24,4722	17 37,902
1833	41 27,7734	17 53,268
1834	41 31,0748	18 8,630
1835	41 34,3763	18 23,990
1836	41 37,6780	18 39,346
1837	41 40,9798	18 54,700
1838	41 44,2818	19 10,050
1839	41 47,5840	19 25,397
1840	41 50,8863	19 40,741
1841	41 54,1888	19 56,082
1842	41 57,4914	20 11,419
1843	42 0,7942	20 26,754
1844	42 4,0971	20 42,086
1845	42 7,4002	20 57,414
1846	42 10,7034	21 12,740
1847	42 14,0068	21 28,062
1848	42 17,3104	21 43,381
1849	42 20,6141	21 58,697
1850	42 23,9180	22 14,010

Diei reducto addendum est:

ante } Nov. 4 { + 1
post } Nov. 4 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. 2α *Librae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	14 41 29,237	−15 19 42,18	1840	Jan. 1	14 42 2,545	−15 22 29,07
	Apr. 10	29,132	41,80		Apr. 10	2,642	29,29
	Jul. 19	29,029	41,48		Jul. 19	2,735	29,45
	Oct. 27	28,928	41,22		Oct. 27	2,825	29,55
	Dec. 66	28,829	41,03		Dec. 66	2,911	29,58
1831	Jan. 0	14 41 32,165	−15 19 56,43	1841	Jan. 0	14 42 6,187	−15 22 44,89
	Apr. 10	32,069	56,28		Apr. 10	6,270	44,88
	Jul. 19	31,977	56,20		Jul. 19	6,347	44,81
	Oct. 27	31,890	56,19		Oct. 27	6,418	44,68
	Dec. 66	31,809	56,24		Dec. 66	6,482	44,48
1832	Jan. 1	14 41 35,139	−15 20 11,55	1842	Jan. 0	14 42 9,766	−15 22 59,86
	Apr. 10	35,062	11,65		Apr. 10	9,826	59,62
	Jul. 19	34,993	11,82		Jul. 19	9,878	59,32
	Oct. 27	34,932	12,05		Oct. 27	9,922	58,97
	Dec. 66	34,878	12,34		Dec. 66	9,957	58,56
1833	Jan. 0	14 41 38,199	−15 20 27,57	1843	Jan. 0	14 42 13,251	−15 23 14,01
	Apr. 10	38,151	27,90		Apr. 10	13,280	13,56
	Jul. 19	38,112	28,29		Jul. 19	13,300	13,07
	Oct. 27	38,082	28,73		Oct. 27	13,311	12,53
	Dec. 66	38,061	29,23		Dec. 66	13,313	11,95
1834	Jan. 0	14 41 41,370	−15 20 44,39	1844	Jan. 1	14 42 16,618	−15 23 27,45
	Apr. 10	41,356	44,92		Apr. 10	16,613	26,84
	Jul. 19	41,351	45,48		Jul. 19	16,599	26,20
	Oct. 27	41,355	46,08		Oct. 27	16,576	25,53
	Dec. 66	41,369	46,72		Dec. 66	16,543	24,84
1835	Jan. 0	14 41 44,667	−15 21 1,83	1845	Jan. 0	14 42 19,860	−15 23 40,37
	Apr. 10	44,687	2,48		Apr. 10	19,821	39,67
	Jul. 19	44,715	3,15		Jul. 19	19,773	38,96
	Oct. 27	44,753	3,84		Oct. 27	19,717	38,24
	Dec. 66	44,799	4,54		Dec. 66	19,652	37,51
1836	Jan. 1	14 41 48,086	−15 21 19,63	1846	Jan. 0	14 42 22,980	−15 23 53,05
	Apr. 10	48,137	20,34		Apr. 10	22,910	52,33
	Jul. 19	48,195	21,04		Jul. 19	22,833	51,62
	Oct. 27	48,260	21,73		Oct. 27	22,750	50,94
	Dec. 66	48,333	22,42		Dec. 66	22,661	50,27
1837	Jan. 0	14 41 51,612	−15 21 37,52	1847	Jan. 0	14 42 25,997	−15 24 5,78
	Apr. 10	51,689	38,20		Apr. 10	25,905	5,13
	Jul. 19	51,770	38,85		Jul. 19	25,809	4,52
	Oct. 27	51,856	39,48		Oct. 27	25,709	3,95
	Dec. 66	51,947	40,09		Dec. 66	25,606	3,41
1838	Jan. 0	14 41 55,220	−15 21 55,21	1848	Jan. 1	14 42 28,946	−15 24 18,87
	Apr. 10	55,314	55,79		Apr. 10	28,842	18,37
	Jul. 19	55,409	56,33		Jul. 19	28,738	17,92
	Oct. 27	55,507	56,83		Oct. 27	28,634	17,53
	Dec. 66	55,606	57,29		Dec. 66	28,529	17,20
1839	Jan. 0	14 41 58,877	−15 22 12,46	1849	Jan. 0	14 42 31,869	−15 24 32,59
	Apr. 10	58,977	12,89		Apr. 10	31,766	32,30
	Jul. 19	59,077	13,26		Jul. 19	31,666	32,07
	Oct. 27	59,176	13,57		Oct. 27	31,569	31,91
	Dec. 66	59,274	13,83		Dec. 66	31,475	31,81

Tabulae X. Sect. V. 2*α* *Librae.*

	1840		1840		Var. 10 annor.			A. R. med.	Decl. med.
	"		"					h ′ "	° ′ "
Jan. 0	−0,694	+31,6	+ 3,47	−15,2	−3	+1	1830	14 41 29,2497	−15 19 48,637
10	−0,369	+32,9	+ 1,89	−16,2	−3	+1	1831	41 32,5525	20 3,979
20	−0,037	+33,2	+ 0,24	−16,6	−3	+2	1832	41 35,8555	20 19,318
30	+0,295	+32,7	− 1,43	−16,5	−3	+2	1833	41 39,1586	20 34,653
Febr. 9	+0,617	+31,4	− 3,06	−15,8	−3	+2	1834	41 42,4619	20 49,985
							1835	41 45,7654	21 5,313
19	+0,922	+29,5	− 4,59	−14,7	−3	+2	1836	41 49,0690	21 20,639
Mart. 1	+1,206	+27,1	− 6,00	−13,3	−2	+2	1837	41 52,3728	21 35,962
11	+1,464	+24,4	− 7,24	−11,6	−2	+3	1838	41 55,6767	21 51,282
21	+1,694	+21,6	− 8,31	− 9,8	−1	+3	1839	41 58,9808	22 6,599
31	+1,895	+18,7	− 9,20	− 8,0	−1	+3	1840	42 2,2849	22 21,912
							1841	42 5,5893	22 37,222
Apr. 10	+2,067	+15,8	− 9,90	− 6,2	0	+2	1842	42 8,8938	22 52,529
20	+2,211	+13,0	−10,43	− 4,6	0	+2	1843	42 12,1985	23 7,833
30	+2,326	+10,1	−10,81	− 3,1	+1	+2	1844	42 15,5033	23 23,134
Maj. 10	+2,412	+ 7,3	−11,05	− 1,9	+1	+2	1845	42 18,8083	23 38,432
20	+2,472	+ 4,6	−11,18	− 0,8	+2	+2	1846	42 22,1134	23 53,727
							1847	42 25,4187	24 9,019
30	+2,504	+ 1,8	−11,20	+ 0,3	+2	+2	1848	42 28,7242	24 24,307
Jun. 9	+2,508	− 0,9	−11,12	+ 1,2	+3	+2	1849	42 32,0298	24 39,592
19	+2,486	− 3,6	−10,97	+ 1,9	+3	+1	1850	42 35,3356	24 54,874
29	+2,437	− 6,1	−10,75	+ 2,6	+4	+1			
Jul. 9	+2,364	− 8,4	−10,46	+ 3,2	+4	+1			
19	+2,269	−10,5	−10,11	+ 3,8	+4	+1			
29	+2,154	−12,3	− 9,70	+ 4,3	+4	+1			
Aug. 8	+2,024	−13,4	− 9,25	+ 4,8	+4	0			
18	+1,886	−14,0	− 8,75	+ 5,1	+4	0			
28	+1,744	−13,9	− 8,24	+ 5,2	+4	0			
Sept. 7	+1,609	−12,9	− 7,72	+ 5,1	+3	0			
17	+1,487	−11,1	− 7,23	+ 4,6	+3	0			
27	+1,388	− 8,4	− 6,80	+ 3,8	+3	0			
Oct. 7	+1,320	− 4,9	− 6,47	+ 2,6	+2	0			
17	+1,291	− 0,7	− 6,28	+ 1,1	+2	+1			
27	+1,307	+ 4,1	− 6,26	− 0,9	+1	+1			
Nov. 6	+1,372	+ 9,1	− 6,45	− 3,0	+1	+1			
16	+1,489	+14,2	− 6,86	− 5,4	0	+2			
26	+1,656	+19,1	− 7,53	− 7,9	0	+2			
Dec. 6	+1,870	+23,5	− 8,44	−10,3	−1	+3			
16	+2,126	+27,3	− 9,58	−12,4	−1	+3			
26	+2,416	+30,2	−10,92	−14,3	−1	+4			
36	+2,730	+32,2	−12,43	−15,6	−2	+4			

Diei reducto addendum est:

ante	Nov. 4	+ 1
post	Nov. 4	+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Coronae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	15 27 29,209	+27 17 37,35	1840	Jan. 1	15 27 55,336	+27 15 17,39
	Apr. 10	29,133	37,62		Apr. 10	55,401	17,29
	Jul. 19	29,061	37,82		Jul. 19	55,460	17,26
	Oct. 27	28,993	37,95		Oct. 27	55,515	17,30
	Dec. 66	28,930	38,01		Dec. 66	55,564	17,40
1831	Jan. 0	15 27 31,487	+27 17 25,55	1841	Jan. 0	15 27 58,085	+27 15 4,94
	Apr. 10	31,427	25,56		Apr. 10	58,131	5,09
	Jul. 19	31,372	25,50		Jul. 19	58,171	5,30
	Oct. 27	31,323	25,37		Oct. 27	58,205	5,57
	Dec. 66	31,280	25,16		Dec. 66	58,232	5,91
1832	Jan. 1	15 27 33,831	+27 17 12,79	1842	Jan. 0	15 28 0,760	+27 14 53,37
	Apr. 10	33,792	12,54		Apr. 10	0,783	53,75
	Jul. 19	33,760	12,23		Jul. 19	0,799	54,19
	Oct. 27	33,736	11,86		Oct. 27	0,808	54,68
	Dec. 66	33,720	11,42		Dec. 66	0,809	55,22
1833	Jan. 0	15 27 36,262	+27 16 59,13	1843	Jan. 0	15 28 3,346	+27 14 42,62
	Apr. 10	36,250	58,66		Apr. 10	3,343	43,20
	Jul. 19	36,245	58,14		Jul. 19	3,332	43,81
	Oct. 27	36,248	57,56		Oct. 27	3,315	44,46
	Dec. 66	36,259	56,94		Dec. 66	3,290	45,15
1834	Jan. 0	15 27 38,791	+27 16 44,71	1844	Jan. 1	15 28 5,836	+27 14 32,50
	Apr. 10	38,807	44,06		Apr. 10	5,806	33,21
	Jul. 19	38,829	43,39		Jul. 19	5,770	33,93
	Oct. 27	38,859	42,69		Oct. 27	5,727	34,68
	Dec. 66	38,895	41,97		Dec. 66	5,677	35,44
1835	Jan. 0	15 27 41,418	+27 16 29,77	1845	Jan. 0	15 28 8,231	+27 14 22,77
	Apr. 10	41,459	29,04		Apr. 10	8,179	23,53
	Jul. 19	41,505	28,30		Jul. 19	8,120	24,29
	Oct. 27	41,556	27,55		Oct. 27	8,057	25,04
	Dec. 66	41,613	26,80		Dec. 66	7,988	25,78
1836	Jan. 1	15 27 44,130	+27 16 14,62	1846	Jan. 0	15 28 10,548	+27 14 13,13
	Apr. 10	44,190	13,88		Apr. 10	10,476	13,86
	Jul. 19	44,254	13,15		Jul. 19	10,402	14,56
	Oct. 27	44,322	12,44		Oct. 27	10,225	15,24
	Dec. 66	44,393	11,75		Dec. 66	10,246	15,87
1837	Jan. 0	15 27 46,906	+27 15 59,54	1847	Jan. 0	15 28 12,810	+27 14 3,25
	Apr. 10	46,979	58,87		Apr. 10	12,729	3,86
	Jul. 19	47,054	58,23		Jul. 19	12,648	4,42
	Oct. 27	47,130	57,64		Oct. 27	12,567	4,93
	Dec. 66	47,208	57,08		Dec. 66	12,485	5,38
1838	Jan. 0	15 27 49,719	+27 15 44,83	1848	Jan. 1	15 28 15,049	+27 13 52,84
	Apr. 10	49,797	44,30		Apr. 10	14,968	53,25
	Jul. 19	49,875	43,83		Jul. 19	14,890	53,60
	Oct. 27	49,952	43,40		Oct. 27	14,814	53,88
	Dec. 66	50,028	43,03		Dec. 66	14,741	54,10
1839	Jan. 0	15 27 52,539	+27 15 30,72	1849	Jan. 0	15 28 17,302	+27 13 41,64
	Apr. 10	52,614	30,39		Apr. 10	17,231	41,81
	Jul. 19	52,686	30,12		Jul. 19	17,165	41,91
	Oct. 27	52,755	29,92		Oct. 27	17,104	41,94
	Dec. 66	52,822	29,78		Dec. 66	17,047	41,89

Tabulae X. Sect. V. *α Coronae.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	−1,022	+27,9	− 7,68	−27,5	−2	+2
10	−0,728	+30,5	−10,31	−24,9	−2	+2
20	−0,413	+32,1	−12,65	−21,4	−2	+2
30	−0,086	+32,9	−14,59	−17,2	−3	+2
Febr. 9	+0,244	+32,7	−16,09	−12,5	−3	+1
19	+0,567	+31,6	−17,09	− 7,4	−3	+1
Mart. 1	+0,876	+30,0	−17,57	− 2,2	−3	+1
11	+1,166	+27,8	−17,53	+ 2,9	−3	0
21	+1,431	+25,1	−16,99	+ 7,7	−2	0
31	+1,668	+22,2	−16,00	+12,0	−2	0
Apr. 10	+1,874	+19,1	−14,60	+15,7	−2	0
20	+2,049	+15,8	−12,87	+18,5	−1	−1
30	+2,190	+12,5	−10,90	+20,6	−1	−1
Maj. 10	+2,298	+ 9,1	− 8,76	+21,8	0	−1
20	+2,372	+ 5,7	− 6,55	+22,1	0	−1
30	+2,412	+ 2,3	− 4,34	+21,8	+1	−1
Jun. 9	+2,418	− 1,0	− 2,20	+20,7	+1	−1
19	+2,392	− 4,2	− 0,20	+19,1	+1	0
29	+2,334	− 7,3	+ 1,61	+16,9	+2	0
Jul. 9	+2,246	−10,2	+ 3,17	+14,2	+2	0
19	+2,130	−12,8	+ 4,45	+11,3	+2	0
29	+1,990	−15,1	+ 5,42	+ 8,1	+2	0
Aug. 8	+1,829	−16,9	+ 6,06	+ 4,7	+3	+1
18	+1,653	−18,0	+ 6,36	+ 1,2	+3	+1
28	+1,469	−18,4	+ 6,30	− 2,4	+3	+1
Sept. 7	+1,285	−18,1	+ 5,88	− 6,1	+3	+2
17	+1,107	−16,9	+ 5,09	− 9,7	+2	+2
27	+0,947	−14,8	+ 3,94	−13,2	+2	+3
Oct. 7	+0,811	−11,9	+ 2,45	−16,7	+2	+3
17	+0,709	− 8,1	+ 0,61	−19,9	+2	+3
27	+0,649	− 3,7	− 1,53	−22,9	+1	+4
Nov. 6	+0,636	+ 1,3	− 3,96	−25,5	+1	+4
16	+0,675	+ 6,6	− 6,63	−27,6	0	+4
26	+0,768	+11,9	− 9,47	−29,0	0	+5
Dec. 6	+0,913	+17,0	−12,43	−29,8	0	+5
16	+1,108	+21,7	−15,42	−29,6	−1	+5
26	+1,347	+25,7	−18,35	−28,5	−1	+5
36	+1,622	+29,0	−21,12	−26,6	−2	+5

	A. R. med.	Decl. med.
1830	15ʰ 27′ 29″,5054	+27° 17′ 29″,756
1831	27 32,0419	17 17,304
1832	27 34,5785	17 4,855
1833	27 37,1151	16 52,409
1834	27 39,6517	16 39,966
1835	27 42,1883	16 27,525
1836	27 44,7250	16 15,088
1837	27 47,2617	16 2,654
1838	27 49,7984	15 50,223
1839	27 52,3351	15 37,795
1840	27 54,8718	15 25,368
1841	27 57,4086	15 12,946
1842	27 59,9454	15 0,527
1843	28 2,4822	14 48,111
1844	28 5,0191	14 35,698
1845	28 7,5559	14 23,285
1846	28 10,0928	14 10,877
1847	28 12,6297	13 58,472
1848	28 15,1667	13 46,070
1849	28 17,7037	13 33,671
1850	28 20,2407	13 21,277

Diei reducto addendum est:

ante } Nov. 16 { + 1
post } { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Serpentis.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	15 35 53,826	+ 6 58 4,87	1840	Jan. 1	15 36 23,864	+ 6 55 51,63
	Apr. 10	53,735	5,12		Apr. 10	23,945	51,56
	Jul. 19	53,647	5,30		Jul. 19	24,021	51,55
	Oct. 27	53,562	5,40		Oct. 27	24,094	51,61
	Dec. 66	53,481	5,44		Dec. 66	24,162	51,74
1831	Jan. 0	15 35 56,457	+ 6 57 53,69	1841	Jan. 0	15 36 27,089	+ 6 55 39,97
	Apr. 10	56,378	53,68		Apr. 10	27,153	40,14
	Jul. 19	56,305	53,59		Jul. 19	27,211	40,38
	Oct. 27	56,238	53,43		Oct. 27	27,263	40,68
	Dec. 66	56,176	53,20		Dec. 66	27,308	41,05
1832	Jan. 1	15 35 59,146	+ 6 57 41,53	1842	Jan. 0	15 36 30,244	+ 6 55 29,20
	Apr. 10	59,089	41,26		Apr. 10	30,285	29,61
	Jul. 19	59,039	40,92		Jul. 19	30,318	30,07
	Oct. 27	58,997	40,52		Oct. 27	30,343	30,58
	Dec. 66	58,962	40,06		Dec. 66	30,361	31,15
1833	Jan. 0	15 36 1,923	+ 6 57 28,48	1843	Jan. 0	15 36 33,306	+ 6 55 19,24
	Apr. 10	1,893	27,98		Apr. 10	33,319	19,84
	Jul. 19	1,872	27,43		Jul. 19	33,323	20,47
	Oct. 27	1,860	26,84		Oct. 27	33,319	21,14
	Dec. 66	1,856	26,20		Dec. 66	33,306	21,84
1834	Jan. 0	15 36 4,806	+ 6 57 14,68	1844	Jan. 1	15 36 36,261	+ 6 55 9,90
	Apr. 10	4,807	14,02		Apr. 10	36,242	10,62
	Jul. 19	4,817	13,33		Jul. 19	36,216	11,36
	Oct. 27	4,835	12,61		Oct. 27	36,182	12,11
	Dec. 66	4,861	11,87		Dec. 66	36,140	12,88
1835	Jan. 0	15 36 7,801	+ 6 57 0,38	1845	Jan. 0	15 36 39,105	+ 6 55 0,92
	Apr. 10	7,833	56 59,63		Apr. 10	39,057	1,69
	Jul. 19	7,871	58,88		Jul. 19	39,003	2,45
	Oct. 27	7,916	58,13		Oct. 27	38,942	3,20
	Dec. 66	7,968	57,38		Dec. 66	38,875	3,95
1836	Jan. 1	15 36 10,900	+ 6 56 45,89	1846	Jan. 0	15 36 41,849	+ 6 54 52,00
	Apr. 10	10,957	45,15		Apr. 10	41,777	52,74
	Jul. 19	11,019	44,42		Jul. 19	41,701	53,42
	Oct. 27	11,087	43,71		Oct. 27	41,620	54,09
	Dec. 66	11,160	43,02		Dec. 66	41,534	54,72
1837	Jan. 0	15 36 14,085	+ 6 56 31,51	1847	Jan. 0	15 36 44,514	+ 6 54 42,81
	Apr. 10	14,161	30,85		Apr. 10	44,426	43,41
	Jul. 19	14,240	30,22		Jul. 19	44,336	43,96
	Oct. 27	14,322	29,63		Oct. 27	44,245	44,46
	Dec. 66	14,407	29,08		Dec. 66	44,153	44,89
1838	Jan. 0	15 36 17,329	+ 6 56 17,53	1848	Jan. 1	15 36 47,134	+ 6 54 33,06
	Apr. 10	17,416	17,01		Apr. 10	47,041	33,45
	Jul. 19	17,503	16,55		Jul. 19	46,949	33,77
	Oct. 27	17,591	16,15		Oct. 27	46,858	34,08
	Dec. 66	17,679	15,80		Dec. 66	46,769	34,23
1839	Jan. 0	15 36 20,600	+ 6 56 4,18	1849	Jan. 0	15 36 49,750	+ 6 54 22,49
	Apr. 10	20,688	3,87		Apr. 10	49,663	22,64
	Jul. 19	20,774	3,62		Jul. 19	49,579	22,71
	Oct. 27	20,858	3,44		Oct. 27	49,500	22,71
	Dec. 66	20,941	3,32		Dec. 66	49,424	22,64

Tabulae X. Sect. V. *α Serpentis.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	—0,937	+26,8	— 2,75	—21,5	—2	+1
10	—0,657	+29,0	— 4,87	—20,5	—2	+2
20	—0,358	+30,4	— 6,85	—18,9	—3	+2
30	—0,049	+30,9	— 8,64	—16,5	—3	+2
Febr. 9	+0,260	+30,7	—10,15	—13,6	—3	+2
19	+0,564	+29,8	—11,36	—10,4	—3	+2
Mart. 1	+0,856	+28,3	—12,22	— 6,8	—3	+1
11	+1,130	+26,4	—12,71	— 3,1	—2	+1
21	+1,384	+24,3	—12,83	+ 0,5	—2	+1
31	+1,615	+21,9	—12,62	+ 3,7	—2	+1
Apr. 10	+1,822	+19,4	—12,09	+ 6,7	—1	+1
20	+2,002	+16,7	—11,29	+ 9,1	—1	+1
30	+2,155	+13,9	—10,28	+10,9	0	+1
Maj. 10	+2,280	+11,2	— 9,12	+12,2	0	+1
20	+2,378	+ 8,3	— 7,85	+13,0	+1	+1
30	+2,446	+ 5,3	— 6,53	+13,2	+1	+1
Jun. 9	+2,484	+ 2,3	— 5,22	+12,9	+1	+1
19	+2,492	— 0,7	— 3,95	+12,3	+2	+1
29	+2,471	— 3,6	— 2,77	+11,3	+2	+1
Jul. 9	+2,420	— 6,5	— 1,70	+10,0	+2	+1
19	+2,341	— 9,2	— 0,77	+ 8,6	+3	+1
29	+2,237	—11,5	+ 0,01	+ 6,9	+3	+1
Aug. 8	+2,111	—13,5	+ 0,61	+ 5,1	+3	+1
18	+1,968	—14,8	+ 1,03	+ 3,3	+3	+1
28	+1,816	—15,4	+ 1,26	+ 1,2	+3	+1
Sept. 7	+1,660	—15,4	+ 1,27	— 0,9	+3	+2
17	+1,509	—14,4	+ 1,08	— 3,1	+3	+2
27	+1,373	—12,6	+ 0,65	— 5,4	+3	+2
Oct. 7	+1,258	— 9,9	0,00	— 7,8	+2	+2
17	+1,176	— 6,4	— 0,90	—10,3	+2	+3
27	+1,131	— 2,2	— 2,05	—12,7	+1	+3
Nov. 6	+1,132	+ 2,5	— 3,43	—15,0	+1	+3
16	+1,180	+ 7,4	— 5,04	—17,2	+1	+4
26	+1,279	+12,3	— 6,86	—19,1	0	+4
Dec. 6	+1,426	+17,0	— 8,85	—20,5	0	+4
16	+1,619	+21,3	—10,96	—21,5	—1	+5
26	+1,851	+24,8	—13,12	—21,7	—1	+5
36	+2,115	+27,7	—15,28	—21,2	—2	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	15 35 53,9914	+ 6 57 57,108
1831	35 56,9409	57 45,354
1832	35 59,8904	57 33,604
1833	36 2,8400	57 21,857
1834	36 5,7897	57 10,114
1835	36 8,7395	56 58,373
1836	36 11,6893	56 46,637
1837	36 14,6392	56 34,904
1838	36 17,5891	56 23,175
1839	36 20,5391	56 11,449
1840	36 23,4891	55 59,726
1841	36 26,4392	55 48,007
1842	36 29,3894	55 36,292
1843	36 32,3396	55 24,580
1844	36 35,2899	55 12,872
1845	36 38,2403	55 1,165
1846	36 41,1907	54 49,463
1847	36 44,1412	54 37,765
1848	36 47,0917	54 26,060
1849	36 50,0423	54 14,379
1850	36 52,9930	54 2,693

Diei reducto addendum est:

ante } Nov. 18 { + 1
post } Nov. 18 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *a Scorpii.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	16 18 59,800	— 26 2 40,76	1840	Jan. 1	16 19 36,761	— 26 4 23,54
	Apr. 10	59,684	40,62		Apr. 10	36,867	23,49
	Jul. 19	59,570	40,56		Jul. 19	36,970	23,37
	Oct. 27	59,459	40,58		Oct. 27	37,069	23,18
	Dec. 66	59,350	40,67		Dec. 66	37,164	22,93
1831	Jan. 0	16 19 3,048	— 26 2 49,23	1841	Jan. 0	16 19 40,796	— 26 4 31,57
	Apr. 10	2,942	49,37		Apr. 10	40,887	31,27
	Jul. 19	2,841	49,59		Jul. 19	40,971	30,91
	Oct. 27	2,747	49,87		Oct. 27	41,048	30,49
	Dec. 66	2,658	50,23		Dec. 66	41,119	30,01
1832	Jan. 1	16 19 6,350	— 26 2 58,69	1842	Jan. 0	16 19 44,760	— 26 4 38,72
	Apr. 10	6,266	59,09		Apr. 10	44,825	38,20
	Jul. 19	6,191	59,55		Jul. 19	44,881	37,63
	Oct. 27	6,124	3 0,07		Oct. 27	44,928	37,01
	Dec. 66	6,066	0,65		Dec. 66	44,966	36,34
1833	Jan. 0	16 19 9,747	— 26 3 9,04	1843	Jan. 0	16 19 48,619	— 26 4 45,11
	Apr. 10	9,695	9,65		Apr. 10	48,650	44,42
	Jul. 19	9,653	10,30		Jul. 19	48,672	43,70
	Oct. 27	9,621	10,99		Oct. 27	48,682	42,95
	Dec. 66	9,600	11,71		Dec. 66	48,683	42,17
1834	Jan. 0	16 19 13,269	— 26 3 20,05	1844	Jan. 1	16 19 52,349	— 26 4 50,97
	Apr. 10	13,254	20,80		Apr. 10	52,342	50,18
	Jul. 19	13,250	21,56		Jul. 19	52,325	49,39
	Oct. 27	13,256	22,33		Oct. 27	52,298	48,60
	Dec. 66	13,273	23,12		Dec. 66	52,260	47,80
1835	Jan. 0	16 19 16,929	— 26 3 31,44	1845	Jan. 0	16 19 55,939	— 26 4 56,59
	Apr. 10	16,952	32,23		Apr. 10	55,894	55,80
	Jul. 19	16,985	33,01		Jul. 19	55,840	55,03
	Oct. 27	17,027	33,79		Oct. 27	55,777	54,28
	Dec. 66	17,079	34,55		Dec. 66	55,704	53,55
1836	Jan. 1	16 19 20,724	— 26 3 42,87	1846	Jan. 0	16 19 59,394	— 26 5 2,31
	Apr. 10	20,782	43,62		Apr. 10	59,316	1,61
	Jul. 19	20,847	44,35		Jul. 19	59,231	0,95
	Oct. 27	20,920	45,03		Oct. 27	59,139	0,33
	Dec. 66	21,001	45,69		Dec. 66	59,039	4 59,76
1837	Jan. 0	16 19 24,637	— 26 3 54,05	1847	Jan. 0	16 20 2,738	— 26 5 8,47
	Apr. 10	24,722	54,68		Apr. 10	2,636	7,93
	Jul. 19	24,813	55,26		Jul. 19	2,529	7,46
	Oct. 27	24,909	55,79		Oct. 27	2,419	7,05
	Dec. 66	25,010	56,27		Dec. 66	2,304	6,71
1838	Jan. 0	16 19 28,639	— 26 4 4,68	1848	Jan. 1	16 20 6,008	— 26 5 15,33
	Apr. 10	28,743	5,12		Apr. 10	5,893	15,03
	Jul. 19	28,849	5,50		Jul. 19	5,777	14,81
	Oct. 27	28,957	5,82		Oct. 27	5,662	14,66
	Dec. 66	29,068	6,07		Dec. 66	5,546	14,58
1839	Jan. 0	16 19 32,694	— 26 4 14,55	1849	Jan. 0	16 20 9,250	— 26 5 23,11
	Apr. 10	32,805	14,76		Apr. 10	9,136	23,09
	Jul. 19	32,915	14,90		Jul. 19	9,026	23,14
	Oct. 27	33,024	14,97		Oct. 27	8,919	23,27
	Dec. 66	33,133	14,97		Dec. 66	8,816	23,47

Tabulae X. Sect. V. *α Scorpii.*

	1840		1840		Var. 10 annor.	
Jan. 0	−1″,201	+27,5	+4″,16	−4,6	−3	−1
10	−0,910	+30,4	+3,62	−6,1	−3	−1
20	−0,594	+32,4	+2,94	−7,4	−3	0
30	−0,262	+33,6	+2,14	−8,4	−4	0
Febr. 9	+0,077	+34,0	+1,27	−8,9	−4	+1
19	+0,418	+33,8	+0,36	−9,1	−4	+1
Mart. 1	+0,752	+32,9	−0,55	−9,0	−3	+2
11	+1,076	+31,7	−1,43	−8,6	−3	+2
21	+1,385	+30,0	−2,27	−8,1	−3	+3
31	+1,676	+28,2	−3,04	−7,4	−2	+3
Apr. 10	+1,948	+26,0	−3,74	−6,7	−2	+3
20	+2,196	+23,6	−4,38	−6,1	−1	+4
30	+2,420	+21,1	−4,96	−5,6	−1	+4
Maj. 10	+2,617	+18,2	−5,49	−5,1	0	+4
20	+2,784	+15,2	−5,97	−4,7	+1	+4
30	+2,920	+11,9	−6,42	−4,3	+1	+4
Jun. 9	+3,021	+8,3	−6,82	−3,9	+2	+4
19	+3,085	+4,5	−7,19	−3,5	+2	+4
29	+3,111	+0,7	−7,51	−3,0	+3	+4
Jul. 9	+3,099	−3,1	−7,78	−2,4	+4	+4
19	+3,049	−6,8	−7,98	−1,7	+4	+4
29	+2,963	−10,2	−8,11	−0,8	+4	+3
Aug. 8	+2,845	−13,2	−8,14	+0,3	+4	+3
18	+2,700	−15,5	−8,06	+1,3	+5	+3
28	+2,536	−17,0	−7,88	+2,4	+5	+2
Sept. 7	+2,360	−17,7	−7,59	+3,4	+5	+2
17	+2,183	−17,2	−7,20	+4,3	+4	+2
27	+2,016	−15,7	−6,73	+5,1	+4	+2
Oct. 7	+1,869	−13,2	−6,19	+5,5	+4	+1
17	+1,752	−9,7	−5,63	+5,6	+3	+1
27	+1,675	−5,3	−5,08	+5,3	+3	+1
Nov. 6	+1,646	−0,3	−4,58	+4,5	+2	+1
16	+1,669	+5,1	−4,18	+3,4	+2	+2
26	+1,748	+10,6	−3,91	+1,9	+1	+2
Dec. 6	+1,881	+15,9	−3,80	+0,2	0	+2
16	+2,066	+20,9	−3,88	−1,7	0	+3
26	+2,298	+25,2	−4,13	−3,5	−1	+3
36	+2,569	+28,7	−4,57	−5,2	−1	+4

	A. R. med.	Decl. med.
1830	16ʰ 18′ 59″,8272	−26° 2′ 49″,247
1831	19 3,4897	2 57,845
1832	19 7,1524	3 6,438
1833	19 10,8152	3 15,026
1834	19 14,4782	3 23,610
1835	19 18,1414	3 32,189
1836	19 21,8047	3 40,762
1837	19 25,4682	3 49,331
1838	19 29,1318	3 57,895
1839	19 32,7956	4 6,455
1840	19 36,4593	4 15,009
1841	19 40,1234	4 23,559
1842	19 43,7876	4 32,104
1843	19 47,4520	4 40,644
1844	19 51,1166	4 49,179
1845	19 54,7814	4 57,709
1846	19 58,4463	5 6,234
1847	20 2,1113	5 14,755
1848	20 5,7765	5 23,271
1849	20 9,4415	5 31,782
1850	20 13,1072	5 40,288

Diei reducto addendum est:

ante } Nov. 28 { + 1
post } Nov. 28 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Herculis.*

1830	Jan. 0	17h 6′ 53″,790	+14° 35′ 33″,46	1840	Jan. 1	17h 7′ 21″,594	+14° 34′ 30″,31
	Apr. 10	53,706	33,46		Apr. 10	21,669	30,49
	Jul. 19	53,624	33,38		Jul. 19	21,740	30,73
	Oct. 27	53,545	33,23		Oct. 27	21,807	31,05
	Dec. 66	53,469	33,00		Dec. 66	21,871	31,43
1831	Jan. 0	17 6 56,224	+14 35 28,51	1841	Jan. 0	17 7 24,581	+14 34 26,76
	Apr. 10	56,151	28,23		Apr. 10	24,642	27,19
	Jul. 19	56,083	27,89		Jul. 19	24,696	27,67
	Oct. 27	56,020	27,47		Oct. 27	24,745	28,21
	Dec. 66	55,963	26,99		Dec. 66	24,787	28,81
1832	Jan. 1	17 6 58,712	+14 35 22,59	1842	Jan. 0	17 7 27,504	+14 34 24,07
	Apr. 10	58,659	22,06		Apr. 10	27,543	24,70
	Jul. 19	58,612	21,48		Jul. 19	27,574	25,37
	Oct. 27	58,573	20,85		Oct. 27	27,598	26,08
	Dec. 66	58,540	20,17		Dec. 66	27,615	26,83
1833	Jan. 0	17 7 1,281	+14 35 15,84	1843	Jan. 0	17 7 30,341	+14 34 22,05
	Apr. 10	1,254	15,14		Apr. 10	30,353	22,82
	Jul. 19	1,234	14,40		Jul. 19	30,357	23,61
	Oct. 27	1,222	13,64		Oct. 27	30,353	24,41
	Dec. 66	1,217	12,84		Dec. 66	30,342	25,23
1834	Jan. 0	17 7 3,949	+14 35 8,54	1844	Jan. 1	17 7 33,078	+14 34 20,43
	Apr. 10	3,950	7,74		Apr. 10	33,062	21,25
	Jul. 19	3,958	6,93		Jul. 19	33,038	22,07
	Oct. 27	3,974	6,12		Oct. 27	33,006	22,83
	Dec. 66	3,998	5,30		Dec. 66	32,967	23,68
1835	Jan. 0	17 7 6,721	+14 35 1,02	1845	Jan. 0	17 7 35,712	+14 34 18,89
	Apr. 10	6,749	0,21		Apr. 10	35,668	19,68
	Jul. 19	6,784	34 59,42		Jul. 19	35,618	20,43
	Oct. 27	6,826	58,65		Oct. 27	35,562	21,15
	Dec. 66	6,875	57,90		Dec. 66	35,499	21,83
1836	Jan. 1	17 7 9,589	+14 34 53,59	1846	Jan. 0	17 7 38,252	+14 34 17,09
	Apr. 10	9,642	52,87		Apr. 10	38,185	17,74
	Jul. 19	9,699	52,19		Jul. 19	38,115	18,34
	Oct. 27	9,762	51,55		Oct. 27	38,040	18,88
	Dec. 66	9,829	50,95		Dec. 66	37,961	19,36
1837	Jan. 0	17 7 12,537	+14 34 46,59	1847	Jan. 0	17 7 40,719	+14 34 14,70
	Apr. 10	12,608	46,03		Apr. 10	40,637	15,14
	Jul. 19	12,681	45,53		Jul. 19	40,554	15,51
	Oct. 27	12,758	45,09		Oct. 27	40,469	15,81
	Dec. 66	12,837	44,70		Dec. 66	40,383	16,03
1838	Jan. 0	17 7 15,541	+14 34 40,27	1848	Jan. 1	17 7 43,144	+14 34 11,46
	Apr. 10	15,622	39,93		Apr. 10	43,058	11,63
	Jul. 19	15,703	39,66		Jul. 19	42,972	11,73
	Oct. 27	15,785	39,46		Oct. 27	42,888	11,75
	Dec. 66	15,867	39,32		Dec. 66	42,804	11,69
1839	Jan. 0	17 7 18,570	+14 34 34,81	1849	Jan. 0	17 7 45,563	+14 34 7,22
	Apr. 10	18,653	34,72		Apr. 10	45,482	7,11
	Jul. 19	18,733	34,71		Jul. 19	45,404	6,92
	Oct. 27	18,812	34,77		Oct. 27	45,331	6,66
	Dec. 66	18,888	34,90		Dec. 66	45,261	6,32

Tabulae X. Sect. V. *α Herculis.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	−1,266	+19,1	− 2,78	−23,5	−1	+1
10	−1,057	+22,5	− 5,11	−22,6	−1	+1
20	−0,816	+25,3	− 7,30	−20,9	−2	+1
30	−0,551	+27,3	− 9,29	−18,5	−2	+1
Febr. 9	−0,270	+28,7	−10,99	−15,3	−2	+1
19	+0,022	+29,4	−12,35	−11,6	−3	+1
Mart. 1	+0,317	+29,5	−13,30	− 7,4	−3	+1
11	+0,612	+29,2	−13,82	− 3,0	−3	+1
21	+0,900	+28,3	−13,90	+ 1,4	−2	+1
31	+1,177	+27,1	−13,55	+ 5,6	−2	+1
Apr. 10	+1,441	+25,6	−12,79	+ 9,4	−2	+1
20	+1,688	+23,7	−11,68	+12,7	−2	+1
30	+1,914	+21,4	−10,26	+15,4	−1	+1
Maj. 10	+2,116	+18,9	− 8,60	+17,5	−1	0
20	+2,291	+16,1	− 6,76	+18,9	−1	+1
30	+2,437	+13,0	− 4,83	+19,5	0	+1
Jun. 9	+2,550	+ 9,6	− 2,86	+19,6	0	+1
19	+2,629	+ 6,0	− 0,92	+19,1	+1	+1
29	+2,670	+ 2,3	+ 0,95	+18,0	+1	+1
Jul. 9	+2,674	− 1,5	+ 2,68	+16,5	+1	+1
19	+2,640	− 5,2	+ 4,24	+14,6	+2	+1
29	+2,570	− 8,7	+ 5,60	+12,4	+2	+1
Aug. 8	+2,466	−11,9	+ 6,72	+10,1	+2	+1
18	+2,332	−14,6	+ 7,61	+ 7,5	+2	+2
28	+2,174	−16,6	+ 8,22	+ 4,8	+3	+2
Sept. 7	+2,000	−17,9	+ 8,56	+ 2,0	+3	+2
17	+1,817	−18,3	+ 8,62	− 0,9	+3	+2
27	+1,635	−17,8	+ 8,38	− 3,9	+3	+2
Oct. 7	+1,462	−16,3	+ 7,85	− 6,8	+3	+3
17	+1,310	−13,8	+ 7,02	− 9,8	+2	+3
27	+1,186	−10,6	+ 5,89	−12,7	+2	+3
Nov. 6	+1,098	− 6,1	+ 4,49	−15,4	+2	+4
16	+1,054	− 1,6	+ 2,81	−18,0	+1	+4
26	+1,057	+ 2,7	+ 0,89	−20,2	+1	+4
Dec. 6	+1,108	+ 7,6	− 1,22	−21,9	+1	+4
16	+1,208	+12,3	− 3,49	−23,1	0	+4
26	+1,353	+16,6	− 5,84	−23,6	0	+5
36	+1,540	+20,5	− 8,20	−23,3	−1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	17 6 53,9396	+14 35 24,509
1831	6 56,6704	35 19,936
1832	6 59,4013	35 15,367
1833	7 2,1322	35 10,802
1834	7 4,8631	35 6,241
1835	7 7,5941	35 1,684
1836	7 10,3251	34 57,131
1837	7 13,0562	34 52,582
1838	7 15,7873	34 48,036
1839	7 18,5184	34 43,494
1840	7 21,2495	34 38,955
1841	7 23,9807	34 34,421
1842	7 26,7119	34 29,891
1843	7 29,4432	34 25,364
1844	7 32,1745	34 20,842
1845	7 34,9058	34 16,323
1846	7 37,6372	34 11,808
1847	7 40,3686	34 7,297
1848	7 43,1001	34 2,790
1849	7 45,8316	33 58,287
1850	7 48,5631	33 53,788

Diei reducto addendum est:

ante } Dec. 9 { + 1
post } Dec. 9 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Ophiuchi.*

1830	Jan. 0	17ʰ 27′ 2″,569	+12° 41′ 33″,64	1840	Jan. 1	17ʰ 27′ 30″,812	+12° 40′ 45″,39
	Apr. 10	2,483	33,58		Apr. 10	30,889	45,62
	Jul. 19	2,399	33,45		Jul. 19	30,962	45,92
	Oct. 27	2,319	33,24		Oct. 27	31,031	46,28
	Dec. 66	2,241	32,95		Dec. 66	31,096	46,71
1831	Jan. 0	17 27 5,044	+12 41 29,98	1841	Jan. 0	17 27 33,852	+12 40 43,52
	Apr. 10	4,969	29,65		Apr. 10	33,915	43,99
	Jul. 19	4,899	29,25		Jul. 19	33,971	44,52
	Oct. 27	4,834	28,78		Oct. 27	34,022	44,10
	Dec. 66	4,774	28,25		Dec. 66	34,066	45,74
1832	Jan. 1	17 27 7,571	+12 41 25,36	1842	Jan. 0	17 27 36,829	+12 40 42,49
	Apr. 10	7,516	24,79		Apr. 10	36,869	43,16
	Jul. 19	7,467	24,17		Jul. 19	36,902	43,86
	Oct. 27	7,426	23,50		Oct. 27	36,928	44,60
	Dec. 66	7,391	22,78		Dec. 66	36,947	45,37
1833	Jan. 0	17 27 10,179	+12 41 19,95	1843	Jan. 0	17 27 39,719	+12 40 42,08
	Apr. 10	10,150	19,21		Apr. 10	39,732	42,87
	Jul. 19	10,128	18,45		Jul. 19	39,738	43,67
	Oct. 27	10,114	17,66		Oct. 27	39,736	44,49
	Dec. 66	10,108	16,85		Dec. 66	39,726	45,32
1834	Jan. 0	17 27 12,887	+12 41 14,05	1844	Jan. 1	17 27 42,508	+12 40 42,01
	Apr. 10	12,887	13,23		Apr. 10	42,493	42,84
	Jul. 19	12,894	12,41		Jul. 19	42,470	43,65
	Oct. 27	12,909	11,59		Oct. 27	42,439	44,45
	Dec. 66	12,931	10,78		Dec. 66	42,401	45,24
1835	Jan. 0	17 27 15,700	+12 41 7,98	1845	Jan. 0	17 27 45,198	+12 40 41,96
	Apr. 10	15,728	7,17		Apr. 10	45,150	42,73
	Jul. 19	15,762	6,39		Jul. 19	45,100	43,46
	Oct. 27	15,804	5,64		Oct. 27	45,044	44,15
	Dec. 66	15,851	4,91		Dec. 66	44,982	44,80
1836	Jan. 1	17 27 18,612	+12 41 2,09	1846	Jan. 0	17 27 47,781	+12 40 41,57
	Apr. 10	18,665	1,39		Apr. 10	47,715	42,19
	Jul. 19	18,722	0,73		Jul. 19	47,644	42,75
	Oct. 27	18,785	0,12		Oct. 27	47,569	42,25
	Dec. 66	18,852	40 59,55		Dec. 66	47,489	43,69
1837	Jan. 0	17 27 21,606	+12 40 56,67	1847	Jan. 0	17 27 50,294	+12 40 40,53
	Apr. 10	21,676	56,14		Apr. 10	50,212	40,93
	Jul. 19	21,750	55,68		Jul. 19	50,128	41,25
	Oct. 27	21,827	55,28		Oct. 27	50,042	41,50
	Dec. 66	21,907	54,94		Dec. 66	49,955	41,67
1838	Jan. 0	17 27 24,657	+12 40 51,99	1848	Jan. 1	17 27 52,762	+12 40 38,61
	Apr. 10	24,739	51,69		Apr. 10	52,674	38,73
	Jul. 19	24,821	51,47		Jul. 19	52,587	38,77
	Oct. 27	24,904	51,32		Oct. 27	52,501	38,73
	Dec. 66	24,987	51,24		Dec. 66	52,417	38,62
1839	Jan. 0	17 27 27,737	+12 40 48,21	1849	Jan. 0	17 27 55,223	+12 40 35,66
	Apr. 10	27,820	48,17		Apr. 10	55,140	35,49
	Jul. 19	27,902	48,21		Jul. 19	55,060	35,25
	Oct. 27	27,982	48,32		Oct. 27	54,984	34,93
	Dec. 66	28,061	48,50		Dec. 66	54,912	44,54

Tabulae X. Sect. V. *α Ophiuchi.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	−1,295	+17,3	− 2,16	−22,3	−1	+1
10	−1,103	+20,9	− 4,38	−21,7	−1	+1
20	−0,878	+23,8	− 6,49	−20,2	−2	+1
30	−0,628	+26,1	− 8,42	−18,1	−2	+1
Febr. 9	−0,357	+27,7	−10,11	−15,2	−2	+1
19	−0,075	+28,7	−11,46	−11,6	−2	+1
Mart. 1	+0,216	+29,2	−12,43	− 7,7	−3	+1
11	+0,508	+29,1	−13,00	− 3,5	−3	+1
21	+0,797	+28,6	−13,13	+ 0,7	−2	+1
31	+1,080	+27,7	−12,86	+ 4,8	−2	+1
Apr. 10	+1,351	+26,5	−12,18	+ 8,6	−2	+1
20	+1,609	+24,9	−11,15	+11,9	−2	+1
30	+1,849	+22,9	− 9,81	+14,7	−2	+1
Maj. 10	+2,057	+20,6	− 8,22	+16,8	−1	+1
20	+2,261	+18,0	− 6,45	+18,3	−1	+1
30	+2,426	+14,9	− 4,57	+19,1	0	+1
Jun. 9	+2,559	+11,6	− 2,64	+19,2	0	+1
19	+2,658	+ 8,0	− 0,73	+18,8	0	+1
29	+2,719	+ 4,2	+ 1,12	+17,9	+1	+1
Jul. 9	+2,742	+ 0,4	+ 2,84	+16,5	+1	+1
19	+2,726	− 3,5	+ 4,42	+14,8	+2	+1
29	+2,672	− 7,2	+ 5,80	+12,8	+2	+2
Aug. 8	+2,582	−10,6	+ 6,97	+10,5	+2	+2
18	+2,460	−13,6	+ 7,90	+ 8,1	+2	+2
28	+2,311	−15,9	+ 8,59	+ 5,6	+3	+2
Sept. 7	+2,142	−17,5	+ 9,01	+ 2,9	+3	+2
17	+1,961	−18,2	+ 9,17	+ 0,2	+3	+3
27	+1,778	−18,0	+ 9,04	− 2,7	+3	+3
Oct. 7	+1,602	−16,8	+ 8,64	− 5,5	+3	+3
17	+1,443	−14,6	+ 7,95	− 8,3	+2	+3
27	+1,310	−11,7	+ 6,98	−11,1	+2	+4
Nov. 6	+1,210	− 7,9	+ 5,73	−13,8	+2	+4
16	+1,152	− 2,2	+ 4,22	−16,3	+2	+4
26	+1,138	+ 1,0	+ 2,47	−18,5	+1	+4
Dec. 6	+1,172	+ 5,8	+ 0,52	−20,4	+1	+5
16	+1,254	+10,5	− 1,60	−21,7	0	+5
26	+1,382	+14,8	− 3,81	−22,2	0	+5
36	+1,550	+18,7	− 6,04	−22,2	−1	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	17 27 2,7039	+12 41 24,615
1831	27 5,4812	41 21,533
1832	27 8,2585	41 18,455
1833	27 11,0359	41 15,381
1834	27 13,8133	41 12,311
1835	27 16,5908	41 9,243
1836	27 19,3683	41 6,181
1837	27 22,1458	41 3,123
1838	27 24,9233	41 0,069
1839	27 27,7009	40 57,019
1840	27 30,4784	40 53,971
1841	27 33,2560	40 50,929
1842	27 36,0337	40 47,891
1843	27 38,8114	40 44,857
1844	27 41,5892	40 41,827
1845	27 44,3670	40 38,799
1846	27 47,1448	40 35,776
1847	27 49,9227	40 32,758
1848	27 52,7006	40 29,743
1849	27 55,4785	40 26,733
1850	27 58,2564	40 23,726

Diei reducto addendum est:

ante } Dec. 14 { + 1
post } Dec. 14 { + 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. α Lyrae.

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	18 31 10,961	+38 37 56,33	1840	Jan. 1	18 31 31,451	+38 38 9,63
	Apr. 10	10,897	56,11		Apr. 10	31,510	10,02
	Jul. 19	10,835	55,81		Jul. 19	31,566	10,47
	Oct. 27	10,774	55,44		Oct. 27	31,620	10,97
	Dec. 66	10,715	54,99		Dec. 66	31,672	11,54
1831	Jan. 0	18 31 12,764	+38 37 58,14	1841	Jan. 0	18 31 33,685	+38 38 14,36
	Apr. 10	12,706	57,65		Apr. 10	33,735	14,96
	Jul. 19	12,651	57,11		Jul. 19	33,781	15,61
	Oct. 27	12,599	56,51		Oct. 27	33,824	16,30
	Dec. 66	12,550	55,85		Dec. 66	33,863	17,03
1832	Jan. 1	18 31 14,596	+38 37 59,07	1842	Jan. 0	18 31 35,879	+38 38 19,80
	Apr. 10	14,550	58,39		Apr. 10	35,915	20,56
	Jul. 19	14,509	57,67		Jul. 19	35,946	21,33
	Oct. 27	14,473	56,91		Oct. 27	35,972	22,13
	Dec. 66	14,441	56,12		Dec. 66	35,992	22,94
1833	Jan. 0	18 31 16,481	+38 37 59,39	1843	Jan. 0	18 31 38,016	+38 38 25,69
	Apr. 10	16,453	58,59		Apr. 10	38 033	26,52
	Jul. 19	16,430	57,78		Jul. 19	38,044	27,34
	Oct. 27	16,413	57,95		Oct. 27	38,050	28,15
	Dec. 66	16,402	56,12		Dec. 66	38,050	28,96
1834	Jan. 0	18 31 18,435	+38 37 59,40	1844	Jan. 1	18 31 40,081	+38 38 31,72
	Apr. 10	18,427	58,68		Apr. 10	40,077	32,52
	Jul. 19	18,425	57,77		Jul. 19	40,067	33,30
	Oct. 27	18,429	56,98		Oct. 27	40,052	34,04
	Dec. 66	18,438	56,20		Dec. 66	40,031	34,76
1835	Jan. 0	18 31 20,464	+38 37 59,46	1845	Jan. 0	18 31 42,069	+38 38 37,56
	Apr. 10	20,478	58,71		Apr. 10	42,044	38,25
	Jul. 19	20,496	57,99		Jul. 19	42,014	38,88
	Oct. 27	20,520	57,31		Oct. 27	41,979	39,46
	Dec. 66	20,549	56,68		Dec. 66	41,939	39,99
1836	Jan. 1	18 31 22,568	+38 37 59,89	1846	Jan. 0	18 31 43,983	+38 38 42,86
	Apr. 10	22,601	59,29		Apr. 10	43,940	43,35
	Jul. 19	22,637	58,75		Jul. 19	43,893	43,77
	Oct. 27	22,678	58,26		Oct. 27	43,842	44,12
	Dec. 66	22,722	57,83		Dec. 66	43,787	44,40
1837	Jan. 0	18 31 24,737	+38 38 0,97	1847	Jan. 0	18 31 45,836	+38 38 47,35
	Apr. 10	24,784	0,59		Apr. 10	45,780	47,58
	Jul. 19	24,834	0,27		Jul. 19	45,721	47,74
	Oct. 27	24,887	0,02		Oct. 27	45,660	47,82
	Dec. 66	24,943	37 59,83		Dec. 66	45,597	47,82
1838	Jan. 0	18 31 26,955	+38 38 2,90	1848	Jan. 1	18 31 47,649	+38 38 50,87
	Apr. 10	27,012	2,77		Apr. 10	47,586	50,81
	Jul. 19	27,070	2,71		Jul. 19	47,522	50,68
	Oct. 27	27,129	2,72		Oct. 27	47,459	50,47
	Dec. 66	27,190	2,80		Dec. 66	47,395	50,19
1839	Jan. 0	18 31 29,200	+38 38 5,78	1849	Jan. 0	18 31 49,446	+38 38 53,33
	Apr. 10	29,261	5,92		Apr. 10	49,383	53,00
	Jul. 19	29,322	6,12		Jul. 19	49,323	52,60
	Oct. 27	29,381	6,40		Oct. 27	49,265	52,13
	Dec. 66	29,440	6,74		Dec. 66	49,209	51,59

Tabulae X. Sect. V. *α Lyrae.*

	1840		1840		Var. 10 annor.	
Jan. 0	−1″,702	+ 8,7	− 0″,81	−31,2	0	+2
10	−1,589	+13,7	− 3,93	−30,8	−1	+2
20	−1,428	+18,3	− 6,97	−29,4	−1	+2
30	−1,224	+22,3	− 9,81	−26,9	−1	+2
Febr. 9	−0,982	+25,8	−12,34	−23,3	−2	+2
19	−0,709	+28,6	−14,47	−18,9	−2	+2
Mart. 1	−0,410	+30,8	−16,12	−13,7	−2	+1
11	−0,093	+32,3	−17,21	− 8,0	−2	+1
21	+0,236	+33,2	−17,72	− 2,1	−2	+1
31	+0,571	+33,4	−17,63	+ 3,8	−2	0
Apr. 10	+0,903	+32,8	−16,96	+ 9,5	−2	0
20	+1,227	+31,7	−15,73	+14,9	−2	0
30	+1,536	+29,9	−14,00	+19,5	−2	0
Maj. 10	+1,824	+27,4	−11,83	+23,4	−2	0
20	+2,084	+24,4	− 9,32	+26,5	−1	0
30	+2,311	+20,8	− 6,54	+28,7	−1	0
Jun. 9	+2,499	+16,6	− 3,58	+30,1	0	0
19	+2,643	+12,1	− 0,53	+30,5	0	0
29	+2,741	+ 7,4	+ 2,52	+30,1	0	0
Jul. 9	+2,790	+ 2,3	+ 5,49	+29,0	+1	0
19	+2,787	− 2,8	+ 8,32	+27,2	+1	0
29	+2,735	− 7,6	+10,93	+24,8	+1	0
Aug. 8	+2,635	−12,2	+13,27	+21,9	+2	+1
18	+2,491	−16,4	+15,30	+18,5	+2	+1
28	+2,307	−20,0	+16,96	+14,7	+2	+1
Sept. 7	+2,092	−22,8	+18,24	+10,7	+2	+1
17	+1,852	−24,7	+19,09	+ 6,4	+2	+2
27	+1,599	−25,5	+19,51	+ 2,0	+2	+2
Oct. 7	+1,342	−25,4	+19,48	− 2,7	+2	+3
17	+1,092	−24,2	+18,98	− 7,3	+2	+3
27	+0,859	−22,0	+18,02	−11,8	+2	+3
Nov. 6	+0,653	−18,8	+16,62	−16,2	+2	+4
16	+0,484	−14,8	+14,79	−20,3	+2	+4
26	+0,358	−10,2	+12,57	−23,9	+1	+4
Dec. 6	+0,281	− 5,2	+10,01	−27,0	+1	+5
16	+0,255	+ 0,2	+ 7,17	−29,3	+1	+5
26	+0,284	+ 5,5	+ 4,15	−30,7	0	+5
36	+0,365	+10,6	+ 1,03	−31,2	0	+5

	A. R. med.	Decl. med.
1830	18h 31′ 10″,9810	+38° 37′ 47″,534
1831	31 13,0110	37 50,526
1832	31 15,0411	37 53,521
1833	31 17,0712	37 56,519
1834	31 19,1013	37 59,521
1835	31 21,1314	38 2,525
1836	31 23,1615	38 5,532
1837	31 25,1916	38 8,541
1838	31 27,2218	38 11,554
1839	31 29,2520	38 14,569
1840	31 31,2821	38 17,588
1841	31 33,3123	38 20,610
1842	31 35,3425	38 23,634
1843	31 37,3727	38 26,662
1844	31 39,4029	38 29,692
1845	31 41,4332	38 32,725
1846	31 43,4635	38 35,761
1847	31 45,4938	38 38,800
1848	31 47,5241	38 41,842
1849	31 49,5544	38 44,886
1850	31 51,5847	38 47,934

Diei reducto addendum est:

ante	Dec. 28	+ 1
post		+ 2

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. γ *Aquilae.*

		h ′ ″	° ′ ″
1830	Jan. 0	19 38 10,572	+10 12 24,86
	Apr. 10	10,481	24,47
	Jul. 19	10,394	24,02
	Oct. 27	10,309	23,51
	Dec. 66	10,227	22,93
1831	Jan. 0	19 38 13,109	+10 12 31,46
	Apr. 10	13,029	30,85
	Jul. 19	12,953	30,20
	Oct. 27	12,883	29,51
	Dec. 66	12,817	28,78
1832	Jan. 1	19 38 15,693	+10 12 37,36
	Apr. 10	15,632	36,61
	Jul. 19	15,577	35,84
	Oct. 27	15,529	35,06
	Dec. 66	15,488	34,26
1833	Jan. 0	19 38 18,356	+10 12 42,86
	Apr. 10	18,320	42,06
	Jul. 19	18,292	41,27
	Oct. 27	18,272	40,49
	Dec. 66	18,260	39,71
1834	Jan. 0	19 38 21,118	+10 12 48,30
	Apr. 10	21,112	47,53
	Jul. 19	21,113	46,80
	Oct. 27	21,123	46,10
	Dec. 66	21,140	45,44
1835	Jan. 0	19 38 23,988	+10 12 54,00
	Apr. 10	24,011	53,36
	Jul. 19	24,041	52,77
	Oct. 27	24,078	52,23
	Dec. 66	24,122	51,75
1836	Jan. 1	19 38 26,962	+10 13 9,25
	Apr. 10	27,011	12 59,80
	Jul. 19	27,065	59,42
	Oct. 27	27,125	59,10
	Dec. 66	27,191	58,84
1837	Jan. 0	19 38 30,023	+10 13 7,27
	Apr. 10	30,093	7,06
	Jul. 19	30,166	6,92
	Oct. 27	30,243	6,85
	Dec. 66	30,323	6,85
1838	Jan. 0	19 38 33,150	+10 13 15,20
	Apr. 10	33,236	15,25
	Jul. 19	33,316	15,36
	Oct. 27	33,401	15,55
	Dec. 66	33,486	15,80
1839	Jan. 0	19 38 36,312	+10 13 24,06
	Apr. 10	36,398	24,36
	Jul. 19	36,483	24,72
	Oct. 27	36,567	25,14
	Dec. 66	36,650	25,62
1840	Jan. 1	19 38 39,477	+10 13 33,81
	Apr. 10	39,558	34,33
	Jul. 19	39,636	34,90
	Oct. 27	39,710	35,51
	Dec. 66	39,781	36,17
1841	Jan. 0	19 38 42,613	+10 13 44,31
	Apr. 10	42,680	44,99
	Jul. 19	42,742	45,70
	Oct. 27	42,799	46,44
	Dec. 66	42,850	47,21
1842	Jan. 0	19 38 45,688	+10 13 55,32
	Apr. 10	45,735	56,10
	Jul. 19	45,774	56,88
	Oct. 27	45,806	57,67
	Dec. 66	45,831	58,46
1843	Jan. 0	19 38 48,678	+10 14 6,57
	Apr. 10	48,698	7,35
	Jul. 19	48,710	8,12
	Oct. 27	48,714	8,87
	Dec. 66	48,709	9,60
1844	Jan. 1	19 38 51,567	+10 14 17,74
	Apr. 10	51,557	18,44
	Jul. 19	51,539	19,10
	Oct. 27	51,513	19,72
	Dec. 66	51,479	20,30
1845	Jan. 0	19 38 54,346	+10 14 28,49
	Apr. 10	54,307	29,03
	Jul. 19	54,261	29,51
	Oct. 27	54,208	29,93
	Dec. 66	54,148	30,29
1846	Jan. 0	19 38 57,024	+10 14 38,56
	Apr. 10	56,959	38,87
	Jul. 19	56,890	39,11
	Oct. 27	56,816	39,28
	Dec. 66	56,737	39,37
1847	Jan. 0	19 38 59,618	+10 14 47,73
	Apr. 10	59,536	47,77
	Jul. 19	59,452	47,74
	Oct. 27	59,365	47,63
	Dec. 66	59,275	47,45
1848	Jan. 1	19 39 2,160	+10 14 55,91
	Apr. 10	2,070	55,67
	Jul. 19	1,980	55,37
	Oct. 27	1,891	55,00
	Dec. 66	1,803	54,56
1849	Jan. 0	19 39 4,687	+10 15 3,10
	Apr. 10	4,600	2,62
	Jul. 19	4,516	2,08
	Oct. 27	4,435	1,49
	Dec. 66	4,358	0,85

Tabulae X. Sect. V. *γ Aquilae.*

	1840		1840		Var. 10 annor.	
Jan. 0	−1,290″	+ 5,1	+ 0,14″	−17,1	+1	+1
10	−1,222	+ 8,6	− 1,59	−17,3	0	+1
20	−1,118	+12,1	− 3,32	−16,9	0	+1
30	−0,980	+15,3	− 4,97	−15,8	−1	+1
Febr. 9	−0,812	+18,2	− 6,47	−13,9	−1	+1
19	−0,616	+20,9	− 7,74	−11,3	−2	+1
Mart. 1	−0,395	+23,2	− 8,72	− 8,2	−2	+1
11	−0,153	+25,1	− 9,37	− 4,7	−2	+1
21	+0,107	+26,7	− 9,65	− 0,9	−2	+1
31	+0,381	+28,0	− 9,54	+ 3,1	−3	0
Apr. 10	+0,667	+28,9	− 9,04	+ 6,9	−3	0
20	+0,959	+29,3	− 8,16	+10,5	−3	0
30	+1,252	+29,2	− 6,95	+13,6	−3	0
Maj. 10	+1,542	+28,6	− 5,44	+16,4	−2	0
20	+1,823	+27,3	− 3,68	+18,5	−2	0
30	+2,088	+25,4	− 1,74	+20,0	−2	+1
Jun. 9	+2,331	+22,9	+ 0,31	+20,9	−1	+1
19	+2,545	+19,8	+ 2,43	+21,1	−1	+1
29	+2,727	+16,3	+ 4,53	+20,8	−1	+1
Jul. 9	+2,870	+12,3	+ 6,58	+20,0	0	+1
19	+2,972	+ 8,0	+ 8,53	+18,7	0	+1
29	+3,029	+ 3,6	+10,32	+17,1	0	+2
Aug. 8	+3,043	− 0,9	+11,94	+15,2	+1	+2
18	+3,012	− 5,1	+13,35	+13,0	+1	+2
28	+2,941	− 8,9	+14,53	+ 5,7	+2	+2
Sept. 7	+2,834	−12,2	+15,48	+ 8,3	+2	+3
17	+2,698	−14,7	+16,18	+ 5,7	+2	+3
27	+2,540	−16,5	+16,62	+ 3,2	+2	+3
Oct. 7	+2,369	−17,3	+16,81	+ 0,6	+3	+3
17	+2,195	−17,2	+16,74	− 2,0	+3	+4
27	+2,026	−16,2	+16,41	− 4,6	+3	+4
Nov. 6	+1,871	−14,3	+15,33	− 7,1	+3	+4
16	+1,739	−11,8	+15,00	− 9,5	+2	+4
26	+1,636	− 8,6	+13,93	−11,8	+2	+4
Dec. 6	+1,567	− 5,1	+12,65	−13,8	+2	+5
16	+1,534	− 1,3	+11,18	−15,5	+1	+5
26	+1,541	+ 2,6	+ 9,56	−16,6	+1	+5
36	+1,586	+ 6,4	+ 7,86	−17,3	0	+5

	A. R. med.	Decl. med.
1830	19h 38′ 10,6455″	+10° 12′ 17,022″
1831	38 13,5004	12 25,348
1832	38 16,3553	12 33,678
1833	38 19,2102	12 42,011
1834	38 22,0651	12 50,348
1835	38 24,9199	12 58,688
1836	38 27,7748	13 7,033
1837	38 30,6296	13 15,381
1838	38 33,4844	13 23,733
1839	38 36,3392	13 32,089
1840	38 39,1940	13 40,449
1841	38 42,0488	13 48,813
1842	38 44,9036	13 57,180
1843	38 47,7584	14 5,551
1844	38 50,6132	14 13,926
1845	38 53,4679	14 22,304
1846	38 56,3227	14 30,686
1847	38 59,1775	14 39,072
1848	39 2,0322	14 47,462
1849	39 4,8869	14 55,856
1850	39 7,7416	15 4,253

Diei reducto addendum est:

ante	Jan. 12	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Aquilae.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	19 42 29,198	+ 8 25 38,65	1840	Jan. 1	19 42 58,858	+ 8 26 54,96
	Apr. 10	29,107	38,25		Apr. 10	58,940	55,49
	Jul. 19	29,018	37,79		Jul. 19	59,019	56,06
	Oct. 27	28,932	37,27		Oct 27	59,094	56,68
	Dec. 66	28,849	36,69		Dec. 66	59,165	57,34
1831	Jan. 0	19 42 31,805	+ 8 25 45,92	1841	Jan. 0	19 43 2,070	+ 8 27 6,19
	Apr. 10	31,723	45,31		Apr. 10	2,139	6,88
	Jul. 19	31,647	44,67		Jul. 19	2,201	7,59
	Oct. 27	31,576	43,97		Oct. 27	2,258	8,33
	Dec. 66	31,511	43,24		Dec. 66	2,308	9,10
1832	Jan. 1	19 42 34,460	+ 8 25 52,54	1842	Jan. 0	19 43 5,220	+ 8 27 17,93
	Apr. 10	34,399	51,79		Apr. 10	5,267	18,70
	Jul. 19	34,344	51,02		Jul. 19	5,307	19,48
	Oct. 27	34,296	50,24		Oct. 27	5,339	20,27
	Dec. 66	34,255	49,44		Dec. 66	5,363	21,06
1833	Jan. 0	19 42 37,196	+ 8 25 58,75	1843	Jan. 0	19 43 8,284	+ 8 27 29,88
	Apr. 10	37,161	57,95		Apr. 10	8,304	30,67
	Jul. 19	37,133	57,16		Jul. 19	8,315	31,43
	Oct. 27	37,113	56,38		Oct. 27	8,318	32,17
	Dec. 66	37,101	55,61		Dec. 66	8,313	32,89
1834	Jan. 0	19 42 40,033	+ 8 26 4,92	1844	Jan. 1	19 43 11,244	+ 8 27 41,74
	Apr. 10	40,027	4,16		Apr. 10	11,234	42,44
	Jul. 19	40,029	3,44		Jul. 19	11,215	43,09
	Oct. 27	40,039	2,75		Oct. 27	11,188	43,70
	Dec. 66	40,058	2,09		Dec. 66	11,153	44,27
1835	Jan. 0	19 42 42,979	+ 8 26 11,36	1845	Jan. 0	19 43 14,094	+ 8 27 53,19
	Apr. 10	43,003	10,78		Apr. 10	14,053	53,72
	Jul. 19	43,034	10,16		Jul. 19	14,006	54,19
	Oct. 27	43,072	9,68		Oct. 27	13,952	54,60
	Dec. 66	43,117	9,16		Dec. 66	13,891	54,94
1836	Jan. 1	19 42 46,030	+ 8 26 18,37	1846	Jan. 0	19 43 16,840	+ 8 28 3,93
	Apr. 10	46,080	17,94		Apr. 10	16,775	4,23
	Jul. 19	46,136	17,58		Jul. 19	16,704	4,46
	Oct. 27	46,198	17,26		Oct. 27	16,629	4,61
	Dec. 66	46,265	17,01		Dec. 66	16,548	4,69
1837	Jan. 0	19 42 49,170	+ 8 26 26,15	1847	Jan. 0	19 43 19,504	+ 8 28 13,78
	Apr. 10	49,241	25,95		Apr. 10	19,420	13,81
	Jul. 19	49,315	25,82		Jul. 19	19,334	13,76
	Oct. 27	49,394	25,77		Oct. 27	19,246	13,64
	Dec. 66	49,477	25,78		Dec. 66	19,155	13,44
1838	Jan. 0	19 42 52,377	+ 8 26 34,84	1848	Jan. 1	19 43 22,114	+ 8 28 22,62
	Apr. 10	52,460	34,90		Apr. 10	22,023	22,36
	Jul. 19	52,544	35,02		Jul. 19	21,932	22,06
	Oct. 27	52,630	35,22		Oct. 27	21,842	21,68
	Dec. 66	52,717	35,48		Dec. 66	21,752	21,23
1839	Jan. 0	19 42 55,616	+ 8 26 44,46	1849	Jan. 0	19 43 24,710	+ 8 28 30,50
	Apr. 10	55,703	44,77		Apr. 10	24,622	30,01
	Jul. 19	55,789	45,14		Jul. 19	24,537	29,46
	Oct. 27	55,874	45,56		Oct. 27	24,455	28,86
	Dec. 66	55,957	46,05		Dec. 66	24,377	28,21

Tabulae X. Sect. V. *α Aquilae.*

	1840		1840		Var. 10 annor.	
	"		"			
Jan. 0	−1,276	+ 4,8	+ 0,04	−16,0	+1	+1
10	−1,210	+ 8,5	− 1,59	−16,2	0	+1
20	−1,107	+11,9	− 3,20	−15,8	0	+1
30	−0,972	+15,1	− 4,74	−14,6	−1	+1
Febr. 9	−0,806	+18,0	− 6,12	−12,8	−1	+1
19	−0,612	+20,6	− 7,30	−10,4	−2	+1
Mart. 1	−0,394	+22,9	− 8,20	− 7,4	−2	+1
11	−0,154	+24,9	− 8,77	− 4,0	−2	+1
21	+0,104	+26,6	− 8,99	− 0,4	−3	0
31	+0,378	+28,0	− 8,84	+ 3,4	−3	0
Apr. 10	+0,663	+28,9	− 8,31	+ 7,1	−3	0
20	+0,955	+29,4	− 7,42	+10,6	−3	0
30	+1,250	+29,4	− 6,20	+13,6	−3	0
Maj. 10	+1,542	+28,8	− 4,71	+16,1	−2	0
20	+1,825	+27,6	− 2,98	+18,2	−2	0
30	+2,094	+25,8	− 1,08	+19,6	−2	+1
Jun. 9	+2,341	+23,4	+ 0,93	+20,3	−2	+1
19	+2,561	+20,4	+ 2,98	+20,5	−1	+1
29	+2,748	+16,8	+ 5,03	+20,2	−1	+1
Jul. 9	+2,897	+12,9	+ 7,01	+19,8	0	+1
19	+3,005	+ 8,6	+ 8,89	+18,1	0	+2
29	+3,069	+ 4,2	+10,62	+16,4	0	+2
Aug. 8	+3,089	− 0,2	+12,17	+14,5	+1	+2
18	+3,065	− 4,5	+13,52	+12,4	+1	+2
28	+3,000	− 8,3	+14,65	+10,2	+2	+3
Sept. 7	+2,899	−11,7	+15,56	+ 7,9	+2	+3
17	+2,767	−14,3	+16,22	+ 5,4	+2	+3
27	+2,614	−16,0	+16,64	+ 3,0	+2	+3
Oct. 7	+2,447	−16,9	+16,82	+ 0,6	+3	+4
17	+2,276	−16,9	+16,76	− 1,8	+3	+4
27	+2,110	−15,9	+16,46	− 4,2	+3	+4
Nov. 6	+1,958	−14,2	+15,92	− 6,6	+3	+4
16	+1,827	−11,7	+15,15	− 8,8	+2	+4
26	+1,725	− 8,6	+14,16	−11,0	+2	+4
Dec. 6	+1,656	− 5,1	+12,96	−12,8	+2	+5
16	+1,623	− 1,4	+11,60	−14,4	+1	+5
26	+1,629	+ 2,4	+10,09	−15,5	+1	+5
36	+1,672	+ 6,2	+ 8,50	−16,1	0	+5

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	19 42 29,2798	+ 8 25 30,898
1831	42 32,2083	25 39,940
1832	42 35,1368	25 48,986
1833	42 38,0653	25 58,034
1834	42 40,9938	26 7,089
1835	42 43,9224	26 16,146
1836	42 46,8509	26 25,207
1837	42 49,7794	26 34,272
1838	42 52,7078	26 43,341
1839	42 55,6362	26 52,414
1840	42 58,5645	27 1,490
1841	43 1,4929	27 10,570
1842	43 4,4213	27 19,654
1843	43 7,3497	27 28,742
1844	43 10,2781	27 37,834
1845	43 13,2064	27 46,930
1846	43 16,1347	27 56,030
1847	43 19,0630	28 5,133
1848	43 21,9913	28 14,240
1849	43 24,9196	28 23,351
1850	43 27,8478	28 32,466

Diei reducto addendum est:

ante } Jan. 13 { 0
post } Jan. 13 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *β Aquilae.*

1830	Jan. 0	19ʰ 46′ 57″,681	+ 5° 59′ 23″,56	1840	Jan. 1	19ʰ 47′ 27″,584	+ 6° 0′ 34″,92
	Apr. 10	57,589	23,15		Apr. 10	27,667	35,45
	Jul. 19	57,499	22,69		Jul. 19	27,747	36,03
	Oct. 27	57,412	22,16		Oct. 27	27,823	36,65
	Dec. 66	57,327	21,57		Dec. 66	27,895	37,32
1831	Jan. 0	19 47 0,305	+ 5 59 30,30	1841	Jan. 0	19 47 30,821	+ 6 0 45,66
	Apr. 10	0,223	29,68		Apr. 10	30,890	46,35
	Jul. 19	0,146	29,03		Jul. 19	30,953	47,07
	Oct. 27	0,074	28,33		Oct. 27	31,010	47,81
	Dec. 66	0,007	27,59		Dec. 66	31,061	48,58
1832	Jan. 1	19 47 2,979	+ 5 59 36,37	1842	Jan. 0	19 47 33,994	+ 6 0 56,89
	Apr. 10	2,918	35,62		Apr. 10	34,041	57,66
	Jul. 19	2,862	34,85		Jul. 19	34,080	58,44
	Oct. 27	2,814	34,07		Oct. 27	34,112	59,22
	Dec. 66	2,773	33,28		Dec. 66	34,136	1 0,01
1833	Jan. 0	19 47 5,735	+ 5 59 42,08	1843	Jan. 0	19 47 37,079	+ 6 1 8,32
	Apr. 10	5,700	41,28		Apr. 10	37,098	9,10
	Jul. 19	5,673	40,49		Jul. 19	37,108	9,85
	Oct. 27	5,654	39,72		Oct. 27	37,110	10,58
	Dec. 66	5,643	38,95		Dec. 66	37,104	11,29
1834	Jan. 0	19 47 8,596	+ 5 59 47,74	1844	Jan. 1	19 47 40,057	+ 6 1 19,64
	Apr. 10	8,591	46,99		Apr. 10	40,045	20,33
	Jul. 19	8,594	46,28		Jul. 19	40,025	20,97
	Oct. 27	8,605	45,60		Oct. 27	39,997	21,57
	Dec. 66	8,625	44,95		Dec. 66	39,960	22,13
1835	Jan. 0	19 47 11,568	+ 5 59 53,70	1845	Jan. 0	19 47 42,923	+ 6 1 30,53
	Apr. 10	11,593	53,08		Apr. 10	42,881	31,05
	Jul. 19	11,625	52,51		Jul. 19	42,832	31,50
	Oct. 27	11,665	52,00		Oct. 27	42,776	31,90
	Dec. 66	11,712	51,54		Dec. 66	42,713	32,23
1836	Jan. 1	19 47 14,645	+ 6 0 0,23	1846	Jan. 0	19 47 45,685	+ 6 1 40,71
	Apr. 10	14,697	5 59 59,81		Apr. 10	45,618	41,00
	Jul. 19	14,755	59,45		Jul. 19	45,545	41,21
	Oct. 27	14,819	59,15		Oct. 27	45,468	41,35
	Dec. 66	14,888	58,92		Dec. 66	45,385	41,41
1837	Jan. 0	19 47 17,814	+ 6 0 7,54	1847	Jan. 0	19 47 48,368	+ 6 1 49,99
	Apr. 10	17,886	7,36		Apr. 10	48,277	50,01
	Jul. 19	17,962	7,24		Jul. 19	48,189	49,95
	Oct. 27	18,042	7,20		Oct. 27	48,099	49,82
	Dec. 66	18,125	7,22		Dec. 66	48,007	49,61
1838	Jan. 0	19 47 21,047	+ 6 0 15,76	1848	Jan. 1	19 47 50,988	+ 6 1 58,27
	Apr. 10	21,133	15,83		Apr. 10	50,895	58,01
	Jul. 19	21,219	15,97		Jul. 19	50,802	57,69
	Oct. 27	21,307	16,18		Oct. 27	50,711	57,29
	Dec. 66	21,395	16,45		Dec. 66	50,620	56,83
1839	Jan. 0	19 47 24,315	+ 6 0 24,91	1849	Jan. 0	19 47 53,600	+ 6 2 5,59
	Apr. 10	24,404	25,23		Apr. 10	53,510	5,09
	Jul. 19	24,492	25,60		Jul. 19	53,424	4,54
	Oct. 27	24,578	26,04		Oct. 27	53,341	3,94
	Dec. 66	24,662	26,54		Dec. 66	53,262	3,28

Tabulae X. Sect. V. β *Aquilae.*

	1840		1840		Var. 10 annor.	
Jan. 0	−1,262″	+ 4,5	− 0,19″	−14,8	+1	+1
10	−1,198	+ 8,2	− 1,69	−14,9	0	+1
20	−1,099	+11,6	− 3,17	−14,5	0	+1
30	−0,967	+14,7	− 4,58	−13,5	−1	+1
Febr. 9	−0,805	+17,6	− 5,86	−11,8	−1	+1
19	−0,615	+20,2	− 6,93	− 9,4	−2	+1
Mart. 1	−0,401	+22,5	− 7,74	− 6,6	−2	+1
11	−0,165	+24,6	− 8,25	− 3,4	−2	+1
21	+0,091	+26,4	− 8,42	+ 0,1	−3	0
31	+0,362	+27,7	− 8,23	+ 3,7	−3	0
Apr. 10	+0,644	+28,7	− 7,70	+ 7,1	−3	0
20	+0,935	+29,3	− 6,82	+10,3	−3	0
30	+1,230	+29,4	− 5,64	+13,1	−3	0
Maj. 10	+1,522	+28,9	− 4,20	+15,5	−2	0
20	+1,807	+27,8	− 2,55	+17,3	−2	0
30	+2,077	+26,0	− 0,74	+18,6	−2	+1
Jun. 9	+2,327	+23,7	+ 1,16	+19,2	−2	+1
19	+2,551	+20,8	+ 3,10	+19,3	−1	+1
29	+2,742	+17,3	+ 5,02	+18,9	−1	+1
Jul. 9	+2,897	+13,4	+ 6,87	+18,0	−1	+1
19	+3,009	+ 9,1	+ 8,62	+16,7	0	+2
29	+3,079	+ 4,8	+10,21	+15,1	0	+2
Aug. 8	+3,104	+ 0,3	+11,63	+13,2	+1	+2
18	+3,085	− 4,0	+12,85	+11,2	+1	+2
28	+3,025	− 7,9	+13,86	+ 9,0	+1	+3
Sept. 7	+2,928	−11,3	+14,65	+ 6,8	+2	+3
17	+2,800	−13,9	+15,22	+ 4,6	+2	+3
27	+2,651	−15,8	+15,57	+ 2,4	+2	+3
Oct. 7	+2,486	−16,8	+15,69	+ 0,1	+2	+3
17	+2,317	−16,7	+15,59	− 2,1	+3	+4
27	+2,153	−15,8	+15,28	− 4,2	+3	+4
Nov. 6	+2,001	−14,2	+14,75	− 6,4	+3	+4
16	+1,870	−11,7	+14,01	− 8,4	+2	+4
26	+1,768	− 8,6	+13,07	−10,3	+2	+4
Dec. 6	+1,698	− 5,3	+11,96	−11,9	+2	+4
16	+1,663	− 1,6	+10,69	−13,4	+1	+4
26	+1,667	+ 2,3	+ 9,29	−14,4	+1	+4
36	+1,708	+ 5,9	+ 7,81	−14,9	0	+4

	A. R. med.	Decl. med.
1830	19ʰ 46′ 57″,7754	+ 5° 59′ 16″,906
1831	47 0,7254	59 24,433
1832	47 3,6754	59 32,964
1833	47 6,6254	59 41,498
1834	47 9,5754	59 50,036
1835	47 12,5255	59 58,578
1836	47 15,4755	6 0 7,123
1837	47 18,4255	0 15,673
1838	47 21,3754	0 24,225
1839	47 24,3253	0 32,782
1840	47 27,2751	0 41,342
1841	47 30,2250	0 49,906
1842	47 33,1749	0 58,474
1843	47 36,1248	1 7,045
1844	47 39,0746	1 15,620
1845	47 42,0244	1 24,199
1846	47 44,9742	1 32,781
1847	47 47,9240	1 41,367
1848	47 50.8738	1 49,957
1849	47 53,8236	1 58,550
1850	47 56,7733	2 7,147

Diei reducto addendum est:

ante } Jan. 14 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. 1 *a Capricorni.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	20 8 12,947	— 13 1 32,39	1840	Jan. 1	20 8 46,930	—12 59 58,99
	Apr. 10	12,844	32,84		Apr. 10	47,021	58,43
	Jul. 19	12,745	33,35		Jul. 19	47,106	57,83
	Oct. 27	12,650	33,91		Oct. 27	47,187	57,19
	Dec. 66	12,558	34,53		Dec. 66	47,262	56,50
1831	Jan. 0	20 8 15,921	— 13 1 23,69	1841	Jan. 0	20 8 50,569	—12 59 46,07
	Apr. 10	15,833	24,33		Apr. 10	50,641	45,36
	Jul. 19	15,752	25,01		Jul. 19	50,705	44,64
	Oct. 27	15,677	25,72		Oct. 27	50,762	43,90
	Dec. 66	15,609	26,47		Dec. 66	50,812	43,14
1832	Jan. 1	20 8 18,963	— 13 1 15,59	1842	Jan. 0	20 8 54,128	—12 59 32,72
	Apr. 10	18,900	16,35		Apr. 10	54,172	31,95
	Jul. 19	18,846	17,11		Jul. 19	54,207	31,19
	Oct. 27	18,800	17,89		Oct. 27	54,234	30,43
	Dec. 66	18,763	18,67		Dec. 66	54,252	29,67
1833	Jan. 0	20 8 22,107	— 13 1 7,77	1843	Jan. 0	20 8 57,579	—12 59 19,25
	Apr. 10	22,076	8,55		Apr. 10	57,590	18,50
	Jul. 19	22,054	9,31		Jul. 19	57,592	17,78
	Oct. 27	22,042	10,06		Oct. 27	57,585	17,08
	Dec. 66	22,040	10,80		Dec. 66	57,568	16,41
1834	Jan. 0	20 8 25,372	— 13 0 59,92	1844	Jan. 1	20 9 0,907	—12 59 5,95
	Apr. 10	25,376	1 0,63		Apr. 10	0,884	5,31
	Jul. 19	25,389	1,31		Jul. 19	0,852	4,71
	Oct. 27	25,411	1,94		Oct. 27	0,811	4,17
	Dec. 66	25,443	2,54		Dec. 66	0,760	3,67
1835	Jan. 0	20 8 28,764	— 13 0 51,71	1845	Jan. 0	20 9 4,110	—12 58 53,14
	Apr. 10	28,802	52,28		Apr. 10	4,054	52,68
	Jul. 19	28,847	52,79		Jul. 19	3,990	52,29
	Oct. 27	28,901	53,25		Oct. 27	3,919	51,95
	Dec. 66	28,962	53,65		Dec. 66	3,841	51,68
1836	Jan. 1	20 8 32,273	— 13 0 42,88	1846	Jan. 0	20 9 7,199	—12 58 41,08
	Apr. 10	32,340	43,24		Apr. 10	7,116	40,86
	Jul. 19	32,412	43,54		Jul. 19	7,028	40,71
	Oct. 27	32,490	43,77		Oct. 27	6,935	40,63
	Dec. 66	32,574	43,94		Dec. 66	6,838	40,63
1837	Jan. 0	20 8 35,878	— 13 0 33,24	1847	Jan. 0	20 9 10,202	—12 58 29,93
	Apr. 10	35,965	33,36		Apr. 10	10,102	29,97
	Jul. 19	36,056	33,42		Jul. 19	10,000	30,09
	Oct. 27	36,150	33,40		Oct. 27	9,896	30,28
	Dec. 66	36,247	33,32		Dec. 66	9,791	30,55
1838	Jan. 0	20 8 39,546	— 13 0 22,70	1848	Jan. 1	20 9 13,157	—12 58 19,76
	Apr. 10	39,645	22,57		Apr. 10	13,051	20,07
	Jul. 19	39,745	22,38		Jul. 19	12,948	20,44
	Oct. 27	39,845	22,12		Oct. 27	12,846	20,88
	Dec. 66	39,945	21,80		Dec. 66	12,745	21,38
1839	Jan. 0	20 8 43,243	— 13 0 11,26	1849	Jan. 0	20 9 16,109	—12 58 10,51
	Apr. 10	43,343	10,90		Apr. 10	16,011	11,04
	Jul. 19	43,441	10,48		Jul. 19	15,917	11,63
	Oct. 27	43,536	10,00		Oct. 27	15,829	12,26
	Dec. 66	43,629	9,47		Dec. 66	15,745	12,94

Tabulae X. Sect. V. 1 *α Capricorni.*

	1840		1840		Var. 10 annor.	
Jan. 0	−1″,246	+ 3,9	− 2″,58	− 3,5	+1	−1
10	−1,189	+ 7,5	− 2,92	− 3,2	+1	−1
20	−1,097	+10,9	− 3,21	− 2,5	0	−1
30	−0,971	+14,1	− 3,42	− 1,6	0	−1
Febr. 9	−0,815	+17,0	− 3,53	− 0,5	−1	−1
19	−0,631	+19,7	− 3,51	+ 1,0	−1	−1
Mart. 1	−0,421	+22,2	− 3,34	+ 2,6	−2	−1
11	−0,188	+24,4	− 2,99	+ 4,4	−2	−1
21	+0,066	+26,4	− 2,46	+ 6,2	−3	0
31	+0,339	+28,1	− 1,75	+ 8,0	−3	0
Apr. 10	+0,627	+29,4	− 0,86	+ 9,7	−3	0
20	+0,927	+30,4	+ 0,19	+11,1	−3	0
30	+1,234	+30,8	+ 1,35	+12,1	−3	+1
Maj. 10	+1,543	+30,8	+ 2,61	+12,8	−3	+1
20	+1,849	+30,1	+ 3,91	+13,0	−3	+1
30	+2,145	+28,7	+ 5,21	+12,9	−3	+2
Jun. 9	+2,423	+26,7	+ 6,48	+12,3	−3	+2
19	+2,678	+24,0	+ 7,66	+11,3	−2	+2
29	+2,903	+20,7	+ 8,73	+10,0	−2	+3
Jul. 9	+3,091	+16,8	+ 9,66	+ 8,5	−1	+3
19	+3,238	+12,5	+10,43	+ 6,9	−1	+3
29	+3,341	+ 8,0	+11,03	+ 5,2	−1	+4
Aug. 8	+3,397	+ 3,4	+11,46	+ 3,5	0	+4
18	+3,408	− 1,2	+11,73	+ 2,0	0	+4
28	+3,374	− 5,5	+11,85	+ 0,6	+1	+4
Sept. 7	+3,299	− 9,2	+11,84	− 0,7	+1	+4
17	+3,190	−12,3	+11,71	− 1,7	+2	+4
27	+3,054	−14,5	+11,50	− 2,4	+2	+4
Oct. 7	+2,900	−15,9	+11,23	− 2,9	+2	+4
17	+2,737	−16,3	+10,92	− 3,3	+3	+4
27	+2,575	−15,7	+10,57	− 3,6	+3	+4
Nov. 6	+2,424	−14,2	+10,20	− 3,7	+3	+4
16	+2,292	−12,0	+ 9,83	− 3,8	+2	+4
26	+2,185	− 9,1	+ 9,45	− 3,8	+2	+4
Dec. 6	+2,111	− 5,7	+ 9,07	− 3,9	+2	+4
16	+2,071	− 2,2	+ 8,68	− 3,8	+1	+4
26	+2,068	+ 1,6	+ 8,31	− 3,7	+1	+4
36	+2,103	+ 5,3	+ 7,95	− 3,4	0	+3

	A. R. med.	Decl. med.
1830	20ʰ 8′ 13″,1594	−13° 1′ 39″,571
1831	8 16,4921	1 28,946
1832	8 19,8247	1 18,318
1833	8 23,1572	1 7,685
1834	8 26,4896	0 57,048
1835	8 29,8219	0 46,407
1836	8 33,1542	0 35,762
1837	8 36,4864	0 25,115
1838	8 39,8185	0 14,459
1839	8 43,1505	0 3.802
1840	8 46,4823	−12 59 53,140
1841	8 49,8141	59 42,475
1842	8 53,1459	59 31,805
1843	8 56,4776	59 21,131
1844	8 59,8092	59 10,453
1845	9 3,1407	58 59,771
1846	9 6,4721	58 49,085
1847	9 9,8035	58 38,394
1848	9 13,1348	58 27,700
1849	9 16,4660	58 17,001
1850	9 19,7970	58 6,299

Diei reducto addendum est:

ante } Jan. 19 { 0
post } Jan. 19 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. 2 *α Capricorni.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	20 8 36,801	− 13 3 50,02	1840	Jan. 1	20 9 10,831	− 13 2 16,33
	Apr. 10	36,699	50,47		Apr. 10	10,922	15,76
	Jul. 19	36,600	50,98		Jul. 19	11,007	15,16
	Oct. 27	36,505	51,54		Oct. 27	11,088	14,52
	Dec. 66	36,413	52,16		Dec. 66	11,163	13,83
1831	Jan. 0	20 8 39,780	− 13 3 41,30	1841	Jan. 0	20 9 14,475	− 13 2 3,37
	Apr. 10	39,692	41,94		Apr. 10	14,546	2,67
	Jul. 19	39,610	42,62		Jul. 19	14,610	1,95
	Oct. 27	39,536	43,33		Oct. 27	14,667	1,20
	Dec. 66	39,468	44,07		Dec. 66	14,717	0,44
1832	Jan. 1	20 8 42,827	− 13 3 33,17	1842	Jan. 0	20 9 18,037	− 13 1 50,00
	Apr. 10	42,764	33,93		Apr. 10	18,082	49,23
	Jul. 19	42,709	34,69		Jul. 19	18,117	48,47
	Oct. 27	42,663	35,47		Oct. 27	18,144	47,71
	Dec. 66	42,626	36,25		Dec. 66	18,161	46,95
1833	Jan. 0	20 8 45,975	− 13 3 25,32	1843	Jan. 0	20 9 21,493	− 13 1 36,50
	Apr. 10	45,943	26,10		Apr. 10	21,504	35,75
	Jul. 19	45,922	26,86		Jul. 19	21,506	35,03
	Oct. 27	45,911	27,61		Oct. 27	21,499	34,34
	Dec. 66	45,910	28,35		Dec. 66	21,483	33,67
1834	Jan. 0	20 8 49,245	− 13 3 17,44	1844	Jan. 1	20 9 24,825	− 13 1 23,18
	Apr. 10	49,249	18,15		Apr. 10	24,802	22,54
	Jul. 19	49,262	18,83		Jul. 19	24,770	21,94
	Oct. 27	49,284	19,46		Oct. 27	24,729	21,39
	Dec. 66	49,316	20,06		Dec. 66	24,679	20,89
1835	Jan. 0	20 8 52,642	− 13 3 9,20	1845	Jan. 0	20 9 28,032	− 13 1 10,35
	Apr. 10	52,680	9,77		Apr. 10	27,976	9,89
	Jul. 19	52,725	10,28		Jul. 19	27,913	9,49
	Oct. 27	52,779	10,74		Oct. 27	27,842	9,16
	Dec. 66	52,840	11,14		Dec. 66	27,764	8,89
1836	Jan. 1	20 8 56,155	− 13 3 0,34	1846	Jan. 0	20 9 31,127	− 13 0 58,26
	Apr. 10	56,222	0,70		Apr. 10	31,044	58,04
	Jul. 19	56,294	1,00		Jul. 19	30,956	57,89
	Oct. 27	56,372	1,23		Oct. 27	30,863	57,81
	Dec. 66	56,456	1,40		Dec. 66	30,765	57,81
1837	Jan. 0	20 8 59,764	− 13 2 50,67	1847	Jan. 0	20 9 34,134	− 13 0 47,08
	Apr. 10	59,852	50,79		Apr. 10	34,034	47,13
	Jul. 19	59,943	50,85		Jul. 19	33,932	47,25
	Oct. 27	9 0,037	50,83		Oct. 27	33,828	47,44
	Dec. 66	0,134	50,75		Dec. 66	33,723	47,71
1838	Jan. 0	20 9 3,438	− 13 2 40,10	1848	Jan. 1	20 9 37,094	− 13 0 36,89
	Apr. 10	3,537	39,97		Apr. 10	36,988	37,20
	Jul. 19	3,636	39,78		Jul. 19	36,884	37,58
	Oct. 27	3,736	39,52		Oct. 27	36,782	38,01
	Dec. 66	3,837	39,19		Dec. 66	36,681	38,51
1839	Jan. 0	20 9 7,140	− 13 2 28,63	1849	Jan. 0	20 9 40,050	− 13 0 27,61
	Apr. 10	7,240	28,26		Apr. 10	39,951	28,15
	Jul. 19	7,337	27,84		Jul. 19	39,858	28,73
	Oct. 27	7,432	27,36		Oct. 27	39,771	29,36
	Dec. 66	7,525	26,83		Dec. 66	39,689	30,04

Tabulae X. Sect. V. 2 *α Capricorni.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	−1,246	+ 3,9	− 2,60	− 3,5	+1	−1
10	−1,189	+ 7,5	− 2,93	− 3,1	+1	−1
20	−1,097	+ 9,9	− 3,21	− 2,5	0	−1
30	−0,971	+12,6	− 3,42	− 1,6	0	−1
Febr. 9	−0,816	+16,5	− 3,53	− 0,5	−1	−1
19	−0,632	+19,7	− 3,51	+ 1,0	−1	−1
Mart. 1	−0,423	+22,2	− 3,33	+ 2,7	−2	−1
11	−0,188	+24,4	− 2,98	+ 4,4	−2	−1
21	+0,065	+26,4	− 2,45	+ 6,3	−3	0
31	+0,338	+28,1	− 1,73	+ 8,1	−3	0
Apr. 10	+0,626	+29,4	− 0,84	+ 9,7	−3	0
20	+0,926	+30,4	+ 0,21	+11,1	−3	0
30	+1,233	+30,9	+ 1,38	+12,1	−3	0
Maj. 10	+1,543	+30,8	+ 2,63	+12,8	−3	+1
20	+1,849	+30,1	+ 3,94	+13,1	−3	+1
30	+2,145	+28,8	+ 5,24	+12,8	−3	+2
Jun. 9	+2,424	+26,7	+ 6,50	+12,3	−3	+2
19	+2,679	+24,0	+ 7,69	+11,3	−2	+2
29	+2,904	+20,7	+ 8,76	+10,0	−2	+3
Jul. 9	+3,093	+16,9	+ 9,69	+ 8,5	−2	+3
19	+3,241	+12,6	+10,46	+ 6,9	−1	+3
29	+3,344	+ 8,0	+11,06	+ 5,2	−1	+4
Aug. 8	+3,401	+ 3,4	+11,49	+ 3,5	0	+4
18	+3,412	− 1,2	+11,75	+ 1,9	0	+4
28	+3,378	− 5,4	+11,87	+ 0,5	+1	+4
Sept. 7	+3,304	− 9,2	+11,85	− 0,7	+1	+4
17	+3,195	−12,3	+11,73	− 1,7	+2	+4
27	+3,059	−14,5	+11,52	− 2,5	+2	+4
Oct. 7	+2,906	−15,8	+11,24	− 3,0	+2	+4
17	+2,743	−16,3	+10,92	− 3,3	+2	+4
27	+2,581	−15,7	+10,58	− 3,6	+3	+4
Nov. 6	+2,430	−14,2	+10,21	− 3,7	+3	+4
16	+2,298	−12,0	+ 9,84	− 3,8	+2	+4
26	+2,191	− 9,1	+ 9,46	− 3,9	+2	+4
Dec. 6	+2,117	− 5,7	+ 9,07	− 3,9	+2	+4
16	+2,077	− 2,2	+ 8,69	− 3,8	+1	+4
26	+2,074	+ 1,6	+ 8,32	− 3,7	+1	+4
36	+2,108	+ 5,2	+ 7,96	− 3,4	0	+4

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	20 8 37,0142	−13 3 57,193
1831	8 40,3514	3 46,541
1832	8 43,6885	3 35,885
1833	8 47,0255	3 25,224
1834	8 50,3625	3 14,560
1835	8 53,6994	3 3,891
1836	8 57,0362	2 53,218
1837	9 0,3729	2 42,541
1838	9 3,7095	2 31,860
1839	9 7,0461	2 21,175
1840	9 10,3826	2 10,486
1841	9 13,7190	1 59,792
1842	9 17,0553	1 49,095
1843	9 20,3915	1 38,393
1844	9 23,7277	1 27,688
1845	9 27,0638	1 16,978
1846	9 30,3998	1 6,264
1847	9 33,7357	0 55,546
1848	9 37,0715	0 44,824
1849	9 40,4073	0 34,097
1850	9 43,7429	0 23,367

Diei reducto addendum est:

ante	Jan. 19	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Cygni.*

1830	Jan. 0	20h 35′ 38″,582	+44° 40′ 40″,69	1840	Jan. 1	20h 35′ 58″,595	+44° 42′ 35″,12
	Apr. 10	38,512	40,18		Apr. 10	58,665	35,71
	Jul. 19	38,441	39,63		Jul. 19	58,735	36,34
	Oct. 27	38,369	39,03		Oct. 27	58,805	37,00
	Dec. 66	38,295	38,39		Dec. 66	58,874	37,70
1831	Jan. 0	20 35 40,361	+44 40 51,20	1841	Jan. 0	20 36 0,893	+44 42 50,07
	Apr. 10	40,288	50,53		Apr. 10	0,962	50,78
	Jul. 19	40,216	49,83		Jul. 19	1,029	51,50
	Oct. 27	40,145	49,11		Oct. 27	1,094	52,23
	Dec. 66	40,075	48,37		Dec. 66	1,157	52,98
1832	Jan. 1	20 35 42,139	+44 41 1,21	1842	Jan. 0	20 36 3,178	+44 43 5,35
	Apr. 10	42,071	0,46		Apr. 10	3,239	6,09
	Jul. 19	42,006	40 59,70		Jul. 19	3,295	6,83
	Oct. 27	41,945	58,95		Oct. 27	3,348	7,55
	Dec. 66	41,887	58,19		Dec. 66	3,396	8,27
1833	Jan. 0	20 35 43,947	+44 41 11,03	1843	Jan. 0	20 36 5,422	+44 43 20,65
	Apr. 10	43,892	10,29		Apr. 10	5,467	21,35
	Jul. 19	43,842	9,57		Jul. 19	5,507	22,02
	Oct. 27	43,797	8,86		Oct. 27	5,541	22,66
	Dec. 66	43,757	8,18		Dec. 66	5,569	23,27
1834	Jan. 0	20 35 45,811	+44 41 21,00	1844	Jan. 1	20 36 7,602	+44 43 35,69
	Apr. 10	45,775	20,34		Apr. 10	7,626	36,27
	Jul. 19	45,745	19,73		Jul. 19	7,643	36,79
	Oct. 27	45,721	19,15		Oct. 27	7,654	37,27
	Dec. 66	45,705	18,62		Dec. 66	7,659	37,69
1835	Jan. 0	20 35 47,750	+44 41 31,39	1845	Jan. 0	20 36 9,700	+44 43 50,17
	Apr. 10	47,736	30,90		Apr. 10	9,700	50,55
	Jul. 19	47,729	30,46		Jul. 19	9,693	50,87
	Oct. 27	47,729	30,08		Oct. 27	9,679	51,12
	Dec. 66	47,735	29,75		Dec. 66	9,659	51,31
1836	Jan. 1	20 35 49,774	+44 41 42,45	1846	Jan. 0	20 36 11,708	+44 44 3,87
	Apr. 10	49,783	42,17		Apr. 10	11,683	4,01
	Jul. 19	49,799	41,95		Jul. 19	11,652	4,08
	Oct. 27	49,821	41,80		Oct. 27	11,615	4,08
	Dec. 66	49,850	41,71		Dec. 66	11,572	4,00
1837	Jan. 0	20 35 51,881	+44 41 54,34	1847	Jan. 0	20 36 13,629	+44 44 16,65
	Apr. 10	51,914	54,29		Apr. 10	13,582	16,53
	Jul. 19	51,951	54,31		Jul. 19	13,531	16,34
	Oct. 27	51,994	54,40		Oct. 27	13,475	16,08
	Dec. 66	52,041	54,56		Dec. 66	13,414	15,75
1838	Jan. 0	20 35 54,066	+44 42 7,10	1848	Jan. 1	20 36 15,476	+44 44 28,50
	Apr. 10	54,117	7,30		Apr. 10	15,413	28,12
	Jul. 19	54,171	7,56		Jul. 19	15,347	27,69
	Oct. 27	54,229	7,88		Oct. 27	15,278	27,20
	Dec. 66	54,291	8,27		Dec. 66	15,207	26,65
1839	Jan. 0	20 35 56,312	+44 42 20,74	1849	Jan. 0	20 36 17,273	+44 44 39,47
	Apr. 10	56,376	21,16		Apr. 10	17,201	38,89
	Jul. 19	56,441	21,62		Jul. 19	17,128	38,27
	Oct. 27	56,508	22,14		Oct. 27	17,055	37,62
	Dec. 66	56,577	22,71		Dec. 66	16,982	36,92

Tabulae X. Sect. V. *α Cygni*

	1840		1840		Var. 10 annor.	
Jan. 0	−1″,604	− 7,5	+ 6″,59	−26,5	0	+2
10	−1,655	− 2,7	+ 3,82	−28,5	0	+3
20	−1,657	+ 2,3	+ 0,90	−29,5	−1	+3
30	−1,610	+ 7,2	− 2,08	−29,4	−1	+3
Febr. 9	−1,513	+12,2	− 4,98	−28,1	−2	+3
19	−1,366	+17,0	− 7,69	−25,7	−2	+2
Mart. 1	−1,173	+21,5	−10,11	−22,3	−2	+2
11	−0,936	+25,7	−12,14	−17,9	−3	+2
21	−0,660	+29,3	−13,68	−12,8	−3	+1
31	−0,350	+32,4	−14,69	− 7,3	−3	+1
Apr. 10	−0,013	+34,7	−15,13	− 1,4	−3	+1
20	+0,344	+36,2	−14,97	+ 4,5	−3	0
30	+0,711	+36,9	−14,23	+10,2	−2	0
Maj. 10	+1,081	+36,7	−12,94	+15,5	−2	0
20	+1,444	+35,5	−11,14	+20,3	−2	−1
30	+1,790	+33,4	− 8,89	+24,4	−1	−1
Jun. 9	+2,111	+30,4	− 6,27	+27,7	−1	−1
19	+2,397	+26,6	− 3,35	+30,3	−1	−1
29	+2,642	+22,1	− 0,21	+32,1	0	−1
Jul. 9	+2,838	+17,0	+ 3,06	+33,0	0	−1
19	+2,982	+11,6	+ 6,38	+33,1	+1	−1
29	+3,070	+ 5,9	+ 9,67	+32,5	+1	−1
Aug. 8	+3,100	+ 0,2	+12,87	+31,2	+1	−1
18	+3,073	− 5,4	+15,90	+29,2	+2	0
28	+2,993	−10,6	+18,70	+26,7	+2	0
Sept. 7	+2,862	−15,3	+21,23	+23,6	+2	0
17	+2,688	−19,2	+23,41	+20,0	+3	+1
27	+2,478	−22,4	+25,23	+16,1	+3	+1
Oct. 7	+2,240	−24,7	+26,62	+11,7	+3	+1
17	+1,985	−25,9	+27,57	+ 7,2	+3	+2
27	+1,722	−26,2	+28,05	+ 2,3	+3	+2
Nov. 6	+1,461	−25,5	+28,03	− 2,7	+3	+3
16	+1,213	−23,9	+27,52	− 7,6	+3	+3
26	+0,984	−21,5	+26,51	−12,5	+2	+4
Dec. 6	+0,784	−18,3	+25,03	−17,0	+2	+4
16	+0,618	−14,6	+23,11	−21,2	+2	+4
26	+0,493	−10,3	+20,80	−24,7	+1	+5
36	+0,413	− 5,7	+18,18	−27,4	+1	+5

	A. R. med.	Decl. med.
1830	20h 35′ 38″,2943	+44° 40′ 34″,209
1831	35 40,3356	40 46,795
1832	35 42,3770	40 59,384
1833	35 44,4184	41 11,975
1834	35 46,4598	41 24,568
1835	35 48,5012	41 37,164
1836	35 50,5427	41 49,762
1837	35 52,5842	42 2,362
1838	35 54,6257	42 14,964
1839	35 56,6672	42 27,568
1840	35 58,7087	42 40,175
1841	36 0,7503	42 52,784
1842	36 2,7919	43 5,395
1843	36 4,8335	43 18,009
1844	36 6,8751	43 30,625
1845	36 8,9168	43 43,243
1846	36 10,9585	43 55,863
1847	36 13,0002	44 8,486
1848	36 15,0419	44 21,111
1849	36 17,0837	44 33,738
1850	36 19,1255	44 46,368

Diei reducto addendum est:

ante } Jan. 26 { 0
post } Jan. 26 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Aquarii.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	21 57 2,861	— 1 8 29,53	1840	Jan. 1	21 57 34,193	— 1 5 43,40
	Apr. 10	2,764	30,14		Apr. 10	34,279	42,76
	Jul. 19	2,671	30,77		Jul. 19	34,360	42,11
	Oct. 27	2,581	31,42		Oct. 27	34,438	41,45
	Dec. 66	2,494	32,10		Dec. 66	34,511	40,78
1831	Jan. 0	21 57 5,606	— 1 8 14,66	1841	Jan. 0	21 57 37,570	— 1 5 23,77
	Apr. 10	5,522	15,34		Apr. 10	37,640	23,10
	Jul. 19	5,444	16,03		Jul. 19	37,703	22,44
	Oct. 27	5,371	16,71		Oct. 27	37,760	21,79
	Dec. 66	5,304	17,40		Dec. 66	37,810	21,15
1832	Jan. 1	21 57 8,409	— 1 7 59,95	1842	Jan. 0	21 57 40,877	— 1 5 4,12
	Apr. 10	8,347	8 0,63		Apr. 10	40,922	3,50
	Jul. 19	8,292	1,28		Jul. 19	40,960	2,90
	Oct. 27	8,245	1,92		Oct. 27	40,990	2,34
	Dec. 66	8,206	2,53		Dec. 66	41,012	1,80
1833	Jan. 0	21 57 11,302	— 1 7 45,10	1843	Jan. 0	21 57 44,089	— 1 4 44,73
	Apr. 10	11,268	45,69		Apr. 10	44,105	44,22
	Jul. 19	11,243	46,24		Jul. 19	44,112	43,75
	Oct. 27	11,227	46,75		Oct. 27	44,110	43,34
	Dec. 66	11,219	47,22		Dec. 66	44,100	42,97
1834	Jan. 0	21 57 14,304	— 1 7 29,85	1844	Jan. 1	21 57 47,188	— 1 4 25,83
	Apr. 10	14,302	30,29		Apr. 10	47,172	25,50
	Jul. 19	14,309	30,67		Jul. 19	47,147	25,23
	Oct. 27	14,325	31,00		Oct. 27	47,114	25,01
	Dec. 66	14,349	31,28		Dec. 66	47,073	24,85
1835	Jan. 0	21 57 17,423	— 1 7 13,97	1845	Jan. 0	21 57 50,171	— 1 4 7,65
	Apr. 10	17,453	14,21		Apr. 10	50,124	7,54
	Jul. 19	17,490	14,39		Jul. 19	50,069	7,48
	Oct. 27	17,535	14,51		Oct. 27	50,008	7,49
	Dec. 66	17,588	14,57		Dec. 66	49,939	7,57
1836	Jan. 1	21 57 20,653	— 1 6 57,33	1846	Jan. 0	21 57 53,046	— 1 3 50,29
	Apr. 10	20,710	57,35		Apr. 10	52,974	50,40
	Jul. 19	20,773	57,31		Jul. 19	52,895	50,59
	Oct. 27	20,842	57,21		Oct. 27	52,812	50,83
	Dec. 66	20,916	57,06		Dec. 66	52,723	51,14
1837	Jan. 0	21 57 23,974	— 1 6 39,88	1847	Jan. 0	21 57 55,836	— 1 3 33,77
	Apr. 10	24,052	39,68		Apr. 10	55,745	34,11
	Jul. 19	24,133	39,43		Jul. 19	55,652	34,51
	Oct. 27	24,218	39,13		Oct. 27	55,557	34,96
	Dec. 66	24,307	38,77		Dec. 66	55,460	35,46
1838	Jan. 0	21 57 27,360	— 1 6 21,66	1848	Jan. 1	21 57 58,576	— 1 3 18,03
	Apr. 10	27,450	21,27		Apr. 10	58,478	18,56
	Jul. 19	27,541	20,83		Jul. 19	58,381	19,12
	Oct. 27	27,633	20,36		Oct. 27	58,285	19,72
	Dec. 66	27,726	19,84		Dec. 66	58,191	20,35
1839	Jan. 0	21 57 30,778	— 1 6 2,78	1849	Jan. 0	21 58 1,305	— 1 3 2,88
	Apr. 10	30,871	2,24		Apr. 10	1,213	3,53
	Jul. 19	30,962	1,68		Jul. 19	1,124	4,19
	Oct. 27	31,051	1,07		Oct. 27	1,040	4,87
	Dec. 66	31,139	0,43		Dec. 66	0,959	5,56

Tabulae X. Sect. V. *α Aquarii.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	—0,835	— 5,3	— 1,27	— 7,8	+2	+1
10	—0,877	— 2,9	— 2,05	— 7,6	+2	+1
20	—0,892	— 0,2	— 2,79	— 7,1	+2	+1
30	—0,881	+ 2,5	— 3,46	— 6,2	+1	+1
Febr. 9	—0,842	+ 5,4	— 4,03	— 4,9	0	+1
19	—0,774	+ 8,3	— 4,44	— 3,2	0	0
Mart. 1	—0,676	+11,4	— 4,67	— 1,1	—1	0
11	—0,546	+14,6	— 4,66	+ 1,3	—1	0
21	—0,385	+17,7	— 4,41	+ 3,9	—2	0
31	—0,193	+20,7	— 3,88	+ 6,7	—2	0
Apr. 10	+0,029	+23,6	— 3,08	+ 9,4	—2	—1
20	+0,278	+26,1	— 2,01	+12,0	—3	—1
30	+0,551	+28,3	— 0,69	+14,3	—3	—1
Maj. 10	+0,843	+29,9	+ 0,85	+16,3	—3	—1
20	+1,148	+30,8	+ 2,56	+17,8	—3	—1
30	+1,459	+31,0	+ 4,41	+18,9	—3	—1
Jun. 9	+1,768	+30,5	+ 6,33	+19,4	—3	—1
19	+2,068	+29,2	+ 8,28	+19,3	—3	0
29	+2,351	+27,1	+10,19	+18,8	—2	0
Jul. 9	+2,610	+24,3	+12,03	+17,8	—2	0
19	+2,837	+20,9	+13,74	+16,3	—2	0
29	+3,027	+17,0	+15,29	+14,6	—1	+1
Aug. 8	+3,177	+12,8	+16,65	+12,6	—1	+1
18	+3,283	+ 8,4	+17,80	+10,4	—1	+1
28	+3,344	+ 4,0	+18,73	+ 8,2	0	+2
Sept. 7	+3,363	— 0,1	+19,44	+ 6,0	0	+2
17	+3,342	— 3,9	+19,92	+ 3,9	+1	+2
27	+3,285	— 7,2	+20,21	+ 1,9	+1	+3
Oct. 7	+3,199	— 9,8	+20,30	+ 0,1	+2	+3
17	+3,090	—11,7	+20,23	— 1,5	+2	+3
27	+2,966	—12,8	+20,00	— 3,0	+2	+3
Nov. 6	+2,834	—13,2	+19,64	— 4,2	+3	+3
16	+2,702	—12,9	+19,16	— 5,3	+3	+4
26	+2,576	—12,0	+18,59	— 6,2	+3	+4
Dec. 6	+2,462	—10,6	+17,93	— 6,9	+3	+4
16	+2,364	— 8,9	+17,21	— 7,4	+2	+4
26	+2,285	— 6,8	+16,45	— 7,7	+2	+4
36	+2,229	— 4,4	+15,67	— 7,8	+2	+3

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	21 57 2,9993	— 1 8 33,410
1831	57 6,0828	8 16,190
1832	57 9,1663	7 58,969
1833	57 12,2497	7 41,745
1834	57 15,3331	7 24,518
1835	57 18,4164	7 7,290
1836	57 21,4997	6 50,059
1837	57 24,5830	6 32,826
1838	57 27,6662	6 15,591
1839	57 30,7494	5 58,353
1840	57 33,8325	5 41,113
1841	57 36,9156	5 23,871
1842	57 39,9986	5 6,627
1843	57 43,0816	4 49,380
1844	57 46,1646	4 32,131
1845	57 49,2475	4 14,880
1846	57 52,3304	3 57,626
1847	57 55,4132	3 40,371
1848	57 58,4960	3 23,112
1849	58 1,5787	3 5,852
1850	58 4,6614	2 48,590

Diei reducto addendum est:

ante } Febr. 15 { 0
post } { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Piscis austrini.*

		h ′ ″	° ′ ″			h ′ ″	° ′ ″
1830	Jan. 0	22 48 14,036	−30 31 18,27	1840	Jan. 1	22 48 48,580	−30 28 12,04
	Apr. 10	13,938	18,91		Apr. 10	48,660	11,41
	Jul. 19	13,846	19,55		Jul. 19	48,734	10,79
	Oct. 27	13,760	20,20		Oct. 27	48,801	10,17
	Dec. 66	13,680	20,85		Dec. 66	48,862	9,56
1831	Jan. 0	22 48 17,045	−30 31 1,78	1841	Jan. 0	22 48 52,179	−30 27 50,90
	Apr. 10	16,969	2,43		Apr. 10	52,234	50,30
	Jul. 19	16,902	3,06		Jul. 19	52,280	49,72
	Oct. 27	16,844	3,68		Oct. 27	52,318	49,17
	Dec. 66	16,794	4,29		Dec. 66	52,347	48,64
1832	Jan. 1	22 48 20,148	−30 30 45,24	1842	Jan. 0	22 48 55,675	−30 27 29,95
	Apr. 10	20,105	45,82		Apr. 10	55,698	29,44
	Jul. 19	20,070	46,37		Jul. 19	55,712	28,97
	Oct. 27	20,044	46,89		Oct. 27	55,716	28,55
	Dec. 66	20,027	47,37		Dec. 66	55,710	28,16
1833	Jan. 0	22 48 23,370	−30 30 28,36	1843	Jan. 0	22 48 59,049	−30 27 9,42
	Apr. 10	23,364	28,81		Apr. 10	59,037	9,06
	Jul. 19	23,367	29,21		Jul. 19	59,015	8,76
	Oct. 27	23,379	29,57		Oct. 27	58,983	8,51
	Dec. 66	23,401	29,88		Dec. 66	58,943	8,32
1834	Jan. 0	22 48 26,731	−30 30 10,94	1844	Jan. 1	22 49 2,294	−30 26 49,51
	Apr. 10	26,759	11,20		Apr. 10	2,247	49,35
	Jul. 19	26,796	11,41		Jul. 19	2,192	49,25
	Oct. 27	26,842	11,57		Oct. 27	2,128	49,21
	Dec. 66	26,897	11,67		Dec. 66	2,056	49,23
1835	Jan. 0	22 48 30,216	−30 29 52,79	1845	Jan. 0	22 49 5,417	−30 26 30,35
	Apr. 10	30,277	52,85		Apr. 10	5,340	30,41
	Jul. 19	30,344	52,86		Jul. 19	5,257	30,53
	Oct. 27	30,418	52,81		Oct. 27	5,168	30,71
	Dec. 66	30,499	52,70		Dec. 66	5,072	30,95
1836	Jan. 1	22 48 33,809	−30 29 33,88	1846	Jan. 0	22 49 8,441	−30 26 11,99
	Apr. 10	33,894	33,74		Apr. 10	8,342	12,26
	Jul. 19	33,984	33,54		Jul. 19	8,240	12,59
	Oct. 27	34,078	33,29		Oct. 27	8,135	12,97
	Dec. 66	34,177	32,98		Dec. 66	8,028	13,41
1837	Jan. 0	22 48 37,481	−30 29 14,23	1847	Jan. 0	22 49 11,399	−30 25 54,38
	Apr. 10	37,581	13,89		Apr. 10	11,290	54,84
	Jul. 19	37,683	13,51		Jul. 19	11,182	55,34
	Oct. 27	37,786	13,09		Oct. 27	11,074	55,88
	Dec. 66	37,891	12,62		Dec. 66	10,967	56,45
1838	Jan. 0	22 48 41,193	−30 28 53,92	1848	Jan. 1	22 49 14,338	−30 25 37,38
	Apr. 10	41,298	53,43		Apr. 10	14,234	37,97
	Jul. 19	41,401	52,91		Jul. 19	14,132	38,58
	Oct. 27	41,502	52,36		Oct. 27	14,033	39,21
	Dec. 66	41,602	51,79		Dec. 66	13,937	39,86
1839	Jan. 0	22 48 44,906	−30 28 33,13	1849	Jan. 0	22 49 17,308	−30 25 20,77
	Apr. 10	45,004	32,53		Apr. 10	17,218	21,42
	Jul. 19	45,097	31,93		Jul. 19	17,130	22,07
	Oct. 27	45,186	31,32		Oct. 27	17,053	22,72
	Dec. 66	45,270	30,69		Dec. 66	16,988	23,36

Tabulae X. Sect. V. *α Piscis austrini.*

	1840		1840		Var. 10 annor.	
	″		″			
Jan. 0	−0,701	−10,1	− 9,99	+ 2,6	+4	0
10	−0,791	− 7,9	− 9,59	+ 5,4	+4	0
20	−0,857	− 5,3	− 8,92	+ 8,0	+3	−1
30	−0,896	− 2,5	− 7,99	+10,6	+3	−1
Febr. 9	−0,906	+ 0,6	− 6,81	+13,0	+2	−2
19	−0,885	+ 3,8	− 5,40	+15,2	+1	−2
Mart. 1	−0,830	+ 7,3	− 3,78	+17,1	+1	−2
11	−0,740	+10,9	− 1,98	+18,9	0	−2
21	−0,612	+14,6	− 0,01	+20,4	−1	−3
31	−0,443	+18,4	+ 2,09	+21,5	−2	−3
Apr. 10	−0,245	+22,2	+ 4,28	+22,2	−2	−3
20	−0,005	+25,7	+ 6,53	+22,6	−3	−2
30	+0,268	+28,8	+ 8,80	+22,5	−3	−2
Maj. 10	+0,570	+31,4	+11,02	+21,8	−4	−2
20	+0,896	+33,5	+13,15	+20,7	−4	−2
30	+1,240	+34,8	+15,15	+19,0	−4	−1
Jun. 9	+1,592	+35,3	+16,95	+16,8	−5	−1
19	+1,945	+34,9	+18,51	+14,2	−5	0
29	+2,289	+33,5	+19,79	+11,3	−5	0
Jul. 9	+2,615	+31,3	+20,76	+ 8,0	−5	+1
19	+2,915	+28,3	+21,39	+ 4,6	−4	+1
29	+3,180	+24,5	+21,68	+ 1,2	−4	+2
Aug. 8	+3,404	+20,1	+21,62	− 2,3	−4	+3
18	+3,582	+15,4	+21,23	− 5,5	−3	+3
28	+3,712	+10,5	+20,53	− 8,2	−3	+3
Sept. 7	+3,791	+ 5,5	+19,59	−10,6	−2	+4
17	+3,822	+ 0,8	+18,42	−12,4	−2	+4
27	+3,807	− 3,6	+17,12	−13,5	−1	+4
Oct. 7	+3,751	− 7,3	+15,72	−14,0	0	+4
17	+3,661	−10,4	+14,32	−13,8	0	+4
27	+3,544	−12,7	+12,96	−13,0	+1	+4
Nov. 6	+3,407	−14,2	+11,72	−11,6	+1	+4
16	+3,260	−14,9	+10,65	− 9,7	+2	+4
26	+3,109	−14,9	+ 9,79	− 7,4	+2	+3
Dec. 6	+2,963	−14,2	+ 9,17	− 4,8	+2	+3
16	+2,825	−13,0	+ 8,83	− 2,0	+2	+2
26	+2,703	−11,3	+ 8,77	+ 0,8	+2	+2
36	+2,600	− 9,3	+ 8,99	+ 3,6	+2	+1

	A. R. med.	Decl. med.
	h ′ ″	° ′ ″
1830	22 48 14,5102	−30 31 20,242
1831	48 17,8492	31 1,390
1832	48 21,1880	30 42,536
1833	48 24,5266	30 23,681
1834	48 27,8650	30 4,824
1835	48 31,2031	29 45,966
1836	48 34,5410	29 27,107
1837	48 37,8787	29 8,246
1838	48 41,2162	28 49,383
1839	48 44,5535	28 30,519
1840	48 47,8905	28 11,654
1841	48 51,2273	27 52,787
1842	48 54,5639	27 33,918
1843	48 57,9003	27 15,048
1844	49 1,2365	26 56,177
1845	49 4,5725	26 37,304
1846	49 7,9082	26 18,430
1847	49 11,2437	25 59,554
1848	49 14,5790	25 40,676
1849	49 17,9141	25 21,797
1850	49 21,2490	25 2,917

Diei reducto addendum est:

ante	Febr. 28	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Pegasi.*

1830	Jan. 0	22h 56′ 17″,903	+14° 17′ 33″,36	1840	Jan. 1	22h 56′ 47″,899	+14° 20′ 44″,37
	Apr. 10	17,808	32,72		Apr. 10	47,988	44,99
	Jul. 19	17,714	32,08		Jul. 19	48,073	45,61
	Oct. 27	17,622	31,44		Oct. 27	48,156	46,22
	Dec. 66	17,531	30,78		Dec. 66	48,235	46,82
1831	Jan. 0	22 56 20,543	+14 17 50,27	1841	Jan. 0	22 56 51,191	+14 21 5,90
	Apr. 10	20,454	49,63		Apr. 10	51,268	6,48
	Jul. 19	20,370	49,01		Jul. 19	51,339	7,04
	Oct. 27	20,290	48,40		Oct. 27	51,405	7,57
	Dec. 66	20,215	47,81		Dec. 66	51,466	8,09
1832	Jan. 1	22 56 23,221	+14 18 7,28	1842	Jan. 0	22 56 54,428	+14 21 27,20
	Apr. 10	23,150	6,71		Apr. 10	54,485	27,69
	Jul. 19	23,085	6,18		Jul. 19	54,534	28,13
	Oct. 27	23,027	5,69		Oct. 27	54,576	28,53
	Dec. 66	22,976	5,23		Dec. 66	54,611	28,89
1833	Jan. 0	22 56 25,974	+14 18 24,65	1843	Jan. 0	22 56 57,583	+14 21 48,06
	Apr. 10	25,927	24,22		Apr. 10	57,613	48,39
	Jul. 19	25,889	23,84		Jul. 19	57,634	48,66
	Oct. 27	25,859	23,51		Oct. 27	57,647	48,88
	Dec. 66	25,838	23,23		Dec. 66	57,652	49,05
1834	Jan. 0	22 56 28,826	+14 18 42,59	1844	Jan. 1	22 57 0,633	+14 22 8,29
	Apr. 10	28,810	42,35		Apr. 10	0,632	8,42
	Jul. 19	28,802	42,16		Jul. 19	0,622	8,49
	Oct. 27	28,803	42,03		Oct. 27	0,604	8,50
	Dec. 66	28,813	41,95		Dec. 66	0,577	8,45
1835	Jan. 0	22 56 31,790	+14 19 1,25	1845	Jan. 0	22 57 3,569	+14 22 27,76
	Apr. 10	31,805	1,21		Apr. 10	3,536	27,67
	Jul. 19	31,828	1,23		Jul. 19	3,496	27,52
	Oct. 27	31,859	1,31		Oct. 27	3,448	27,31
	Dec. 66	31,898	1,44		Dec. 66	3,392	27,05
1836	Jan. 1	22 56 34,866	+14 19 20,67	1846	Jan. 0	22 57 6,394	+14 22 46,44
	Apr. 10	34,910	20,84		Apr. 10	6,334	46,14
	Jul. 19	34,960	21,07		Jul. 19	6,267	45,79
	Oct. 27	35,017	21,34		Oct. 27	6,194	45,38
	Dec. 66	35,080	21,67		Dec. 66	6,115	44,92
1837	Jan. 0	22 56 38,040	+14 19 40,83	1847	Jan. 0	22 57 9,124	+14 23 4,37
	Apr. 10	38,107	41,18		Apr. 10	9,042	3,90
	Jul. 19	38,179	41,58		Jul. 19	8,957	3,39
	Oct. 27	38,255	42,02		Oct. 27	8,868	2,84
	Dec. 66	38,336	42,50		Dec. 66	8,775	2,26
1838	Jan. 0	22 56 41,290	+14 20 1,62	1848	Jan. 1	22 57 11,789	+14 23 21,75
	Apr. 10	41,374	2,12		Apr. 10	11,695	21,15
	Jul. 19	41,459	2,65		Jul. 19	11,601	20,53
	Oct. 27	41,547	3,20		Oct. 27	11,507	19,90
	Dec. 66	41,636	3,78		Dec. 66	11,412	19,25
1839	Jan. 0	22 56 44,588	+14 20 22,87	1849	Jan. 0	22 57 14,426	+14 23 38,76
	Apr. 10	44,678	23,46		Apr. 10	14,332	38,11
	Jul. 19	44,768	24,06		Jul. 19	14,240	37,46
	Oct. 27	44,858	24,68		Oct. 27	14,152	36,82
	Dec. 66	44,947	25,30		Dec. 66	14,066	36,19

Tabulae X. Sect. V. *α Pegasi.*

	1840		1840		Var. 10 annor.	
Jan. 0	−0″,553	− 9,6	+ 3″,49	−10,6	+3	+2
10	−0,642	− 8,0	+ 2,37	−11,7	+2	+2
20	−0,713	− 6,1	+ 1,15	−12,5	+2	+2
30	−0,764	− 3,9	− 0,12	−12,7	+2	+2
Febr. 9	−0,790	− 1,2	− 1,38	−12,2	+1	+2
19	−0,788	+ 1,8	− 2,56	−11,2	+1	+2
Mart. 1	−0,755	+ 5,0	− 3,61	− 9,6	0	+2
11	−0,688	+ 8,6	− 4,47	− 7,3	−1	+1
21	−0,584	+12,3	− 5,07	− 4,6	−1	+1
31	−0,443	+16,0	− 5,38	− 1,5	−1	+1
Apr. 10	−0,264	+19,7	− 5,36	+ 2,0	−2	0
20	−0,050	+23,1	− 4,99	+ 5,5	−2	0
30	+0,197	+26,1	− 4,26	+ 9,0	−2	0
Maj. 10	+0,472	+28,6	− 3,19	+12,3	−3	−1
20	+0,769	+30,5	− 1,80	+15,4	−3	−1
30	+1,081	+31,6	− 0,12	+18,0	−3	−1
Jun. 9	+1,401	+31,9	+ 1,79	+20,1	−3	−1
19	+1,719	+31,3	+ 3,89	+21,6	−2	−2
29	+2,027	+29,9	+ 6,11	+22,6	−2	−2
Jul. 9	+2,317	+27,8	+ 8,41	+23,1	−2	−2
19	+2,583	+25,0	+10,72	+23,0	−2	−1
29	+2,816	+21,5	+12,98	+22,3	−1	−1
Aug. 8	+3,013	+17,7	+15,15	+21,0	−1	−1
18	+3,170	+13,6	+17,18	+19,5	0	−1
28	+3,285	+ 9,4	+19,05	+17,7	0	−1
Sept. 7	+3,357	+ 5,2	+20,71	+15,5	+1	0
17	+3,389	+ 1,4	+22,15	+13,3	+1	0
27	+3,384	− 2,2	+23,36	+10,9	+2	0
Oct. 7	+3,345	− 5,4	+24,32	+ 8,4	+2	+1
17	+3,277	− 7,9	+25,03	+ 5,9	+3	+1
27	+3,187	− 9,8	+25,50	+ 3,5	+3	+2
Nov. 6	+3,081	−11,2	+25,72	+ 1,0	+3	+2
16	+2,964	−12,0	+25,70	− 1,4	+3	+2
26	+2,842	−12,2	+25,44	− 3,6	+4	+3
Dec. 6	+2,720	−12,0	+24,97	− 5,7	+4	+3
16	+2,602	−11,4	+24,28	− 7,9	+4	+3
26	+2,492	−10,4	+23,40	− 9,6	+3	+3
36	+2,394	− 9,1	+22,36	−11,0	+3	+3

	A. R. med.	Decl. med.
1830	22ʰ 56′ 17″,8797	+14° 17′ 31″,692
1831	56 20,8612	17 50,963
1832	56 23,8427	18 10,235
1833	56 26,8243	18 29,508
1834	56 29,8059	18 48,782
1835	56 32,7876	19 8,057
1836	56 35,7693	19 27,334
1837	56 38,7511	19 46,611
1838	56 41,7329	20 5,890
1839	56 44,7148	20 25,170
1840	56 47,6968	20 44,451
1841	56 50,6788	21 3,733
1842	56 53,6609	21 23,017
1843	56 56,6430	21 42,301
1844	56 59,6252	22 1,587
1845	57 2,6073	22 20,874
1846	57 5,5896	22 40,162
1847	57 8,5719	22 59,451
1848	57 11,5543	23 18,742
1849	57 14,5367	23 38,033
1850	57 17,5192	23 57,326

Diei reducto addendum est:

ante } Mart. 3 { 0
post } Mart. 3 { + 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Andromedae.*

Annus	Dies	h ′ ″	° ′ ″	Annus	Dies	h ′ ″	° ′ ″
1830	Jan. 0	23 59 37,099	+28 9 4,83	1840	Jan. 1	0 0 7,753	+28 12 26,99
	Apr. 10	36,998	4,21		Apr. 10	7,850	27,55
	Jul. 19	36,897	3,60		Jul. 19	7,945	28,08
	Oct. 27	36,796	3,02		Oct. 27	8,038	28,58
	Dec. 66	36,696	2,45		Dec. 66	8,130	29,06
1831	Jan. 0	23 59 39,808	+28 9 22,54	1841	Jan. 0	0 0 11,180	+28 12 48,81
	Apr. 10	39,710	21,99		Apr. 10	11,269	49,27
	Jul. 19	39,614	21,48		Jul. 19	11,354	49,68
	Oct. 27	39,522	21,00		Oct. 27	11,434	50,06
	Dec. 66	39,432	20,56		Dec. 66	11,510	50,39
1832	Jan. 1	23 59 42,541	+28 9 40,61	1842	Jan. 0	0 0 14,566	+28 13 10,19
	Apr. 10	42,455	40,20		Apr. 10	14,638	10,49
	Jul. 19	42,376	39,84		Jul. 19	14,703	10,74
	Oct. 27	42,303	39,53		Oct. 27	14,761	10,94
	Dec. 66	42,236	39,27		Dec. 66	14,812	11,08
1833	Jan. 0	23 59 45,336	+28 9 59,25	1843	Jan. 0	0 0 17,877	+28 13 30,94
	Apr. 10	45,274	59,08		Apr. 10	17,923	31,05
	Jul. 19	45,220	58,86		Jul. 19	17,960	31,10
	Oct. 27	45,174	58,75		Oct. 27	17,989	31,10
	Dec. 66	45,136	58,69		Dec. 66	18,010	31,04
1834	Jan. 0	23 59 48,227	+28 10 18,61	1844	Jan. 1	0 0 21,085	+28 13 50,97
	Apr. 10	48,195	18,59		Apr. 10	21,099	50,87
	Jul. 19	48,171	18,63		Jul. 19	21,104	50,72
	Oct. 27	48,157	18,72		Oct. 27	21,100	50,51
	Dec. 66	48,151	18,87		Dec. 66	21,087	50,24
1835	Jan. 0	23 59 51,232	+28 10 38,72	1845	Jan. 0	0 0 24,173	+28 14 10,24
	Apr. 10	51,233	38,90		Apr. 10	24,153	9,94
	Jul. 19	51,242	39,14		Jul. 19	24,125	9,59
	Oct. 27	51,260	39,43		Oct. 27	24,087	9,19
	Dec. 66	51,287	39,77		Dec. 66	24,041	8,75
1836	Jan. 1	23 59 54,356	+28 10 59,56	1846	Jan. 0	0 0 27,139	+28 14 28,81
	Apr. 10	54,389	59,94		Apr. 10	27,087	28,34
	Jul. 19	54,429	11 0,35		Jul. 19	27,027	27,84
	Oct. 27	54,478	0,78		Oct. 27	26,960	27,30
	Dec. 66	54,534	1,25		Dec. 66	26,886	26,73
1837	Jan. 0	23 59 57,594	+28 11 20,99	1847	Jan. 0	0 0 29,993	+28 14 46,83
	Apr. 10	57,655	21,49		Apr. 10	29,915	46,24
	Jul. 19	57,721	22,02		Jul. 19	29,831	45,64
	Oct. 27	57,794	22,57		Oct. 27	29,742	45,02
	Dec. 66	57,872	23,14		Dec. 66	29,648	44,38
1838	Jan. 0	0 0 0,925	+28 11 42,86	1848	Jan. 1	0 0 32,762	+28 15 4,51
	Apr. 10	1,007	43,44		Apr. 10	32,666	3,88
	Jul. 19	1,092	44,02		Jul. 19	32,568	3,25
	Oct. 27	1,181	44,62		Oct. 27	32,468	2,63
	Dec. 66	1,274	45,22		Dec. 66	32,367	2,01
1839	Jan. 0	0 0 4,322	+28 12 4,93	1849	Jan. 0	0 0 35,482	+28 15 22,12
	Apr. 10	4,417	5,53		Apr. 10	35,380	21,52
	Jul. 19	4,512	6,12		Jul. 19	35,280	20,94
	Oct. 27	4,608	6,70		Oct. 27	35,181	20,39
	Dec. 66	4,705	7,27		Dec. 66	35,084	19,86

Tabulae X. Sect. V. *α Andromedae.*

	1840		1840		Var. 10 annor.	
Jan. 0	−0″,199	−13,6	+ 8″,36	− 8,2	+3	+2
10	−0,334	−13,2	+ 7,41	−10,8	+3	+2
20	−0,462	−12,2	+ 6,20	−13,1	+3	+3
30	−0,577	−10,6	+ 4,80	−14,7	+2	+3
Febr. 9	−0,674	− 8,5	+ 3,26	−15,8	+2	+3
19	−0,746	− 5,7	+ 1,65	−16,2	+1	+3
Mart. 1	−0,787	− 2,3	+ 0,03	−15,8	+1	+3
11	−0,791	+ 1,7	− 1,50	−14,6	0	+3
21	−0,754	+ 6,0	− 2,88	−12,7	0	+2
31	−0,672	+10,5	− 4,03	−10,1	−1	+2
Apr. 10	−0,544	+15,1	− 4,89	− 7,0	−1	+2
20	−0,370	+19,6	− 5,42	− 3,4	−2	+1
30	−0,153	+23,7	− 5,57	+ 0,4	−2	+1
Maj. 10	+0,104	+27,4	− 5,34	+ 4,3	−2	0
20	+0,395	+30,4	− 4,71	+ 8,3	−3	0
30	+0,711	+32,6	− 3,69	+12,0	−3	−1
Jun. 9	+1,046	+34,0	− 2,32	+15,3	−3	−1
19	+1,390	+34,4	− 0,63	+18,3	−2	−2
29	+1,733	+33,9	+ 1,33	+20,8	−2	−2
Jul. 9	+2,067	+32,5	+ 3,52	+22,7	−2	−2
19	+2,383	+30,4	+ 5,87	+24,0	−2	−3
29	+2,674	+27,5	+ 8,32	+24,8	−1	−3
Aug. 8	+2,933	+24,1	+10,83	+25,1	−1	−3
18	+3,156	+20,4	+13,33	+24,7	0	−3
28	+3,340	+16,3	+15,77	+23,9	0	−3
Sept. 7	+3,482	+12,2	+18,11	+22,7	+1	−3
17	+3,583	+ 8,1	+20,31	+21,1	+2	−2
27	+3,644	+ 4,3	+22,33	+19,2	+2	−2
Oct. 7	+3,668	+ 0,7	+24,14	+16,9	+3	−2
17	+3,657	− 2,6	+25,71	+14,5	+3	−1
27	+3,616	− 5,4	+27,03	+11,8	+4	−1
Nov. 6	+3,549	− 7,8	+28,07	+ 8,9	+4	0
16	+3,460	− 9,8	+28,81	+ 6,0	+5	0
26	+3,353	−11,4	+29,26	+ 3,0	+5	+1
Dec. 6	+3,233	−12,5	+29,40	− 0,2	+5	+1
16	+3,103	−13,3	+29,22	− 3,4	+5	+1
26	+2,967	−13,7	+28,73	− 6,4	+5	+2
36	+2,830	−13,5	+27,94	− 9,2	+5	+2

	A. R. med.	Decl. med.
1830	23ʰ 59′ 36″,9059	+ 28° 9′ 5″,650
1831	59 39,9846	9 25,556
1832	59 43,0635	9 45,462
1833	59 46,1426	10 5,368
1834	59 49,2218	10 25,273
1835	59 52,3013	10 45,179
1836	59 55,3809	11 5,085
1837	59 58,4607	11 24,990
1838	0 0 1,5407	11 44,896
1839	0 4,6208	12 4,801
1840	0 7,7010	12 24,707
1841	0 10,7815	12 44,612
1842	0 13,8622	13 4,518
1843	0 16,9430	13 24,423
1844	0 20,0240	13 44,328
1845	0 23,1052	14 4,234
1846	0 26,1866	14 24,139
1847	0 29,2682	14 44,044
1848	0 32,3499	15 3,949
1849	0 35,4318	15 23,854
1850	0 38,5138	15 43,759

Diei reducto addendum est:

ante	Mart. 20	0
post		+ 1

In menss. Jan. et Febr. annorum bissextorum legitur dies insequens.

Tabulae X. Sect. V. *α Ursae minoris.*

						⊙ + ☊	☽
1830	Jan. 0	0ʰ 59′ 51″,84	− 0″,79	88° 24′ 5″,32	− 0″,57	256	957
	Apr. 10	51,05	− 0,96	4,75	− 0,53		
	Jul. 19	50,09	− 1,12	4,22	− 0,50		
	Oct. 27	48,97	− 1,29	3,72	− 0,45		
	Dec. 66	47,68		3,27			
1831	Jan. 0	1 0 3,66	− 1,38	88 24 22,80	− 0,42	203	325
	Apr. 10	2,28	− 1,50	22,38	− 0,38		
	Jul. 19	0,78	− 1,61	22,00	− 0,32		
	Oct. 27	0 59 59,17	− 1,73	21,68	− 0,27		
	Dec. 66	57,44		21,41			
1832	Jan. 1	1 0 13,65	− 1,79	88 24 40,87	− 0,23	149	694
	Apr. 10	11,86	− 1,86	40,64	− 0,17		
	Jul. 19	10,00	− 1,91	40,47	− 0,11		
	Oct. 27	8,09	− 1,97	40,36	− 0,06		
	Dec. 66	6,12		40,30			
1833	Jan. 0	1 0 22,50	− 2,00	88 24 59,69	− 0,02	095	062
	Apr. 10	20,50	− 1,99	59,67	+ 0,05		
	Jul. 19	18,51	− 1,99	59,72	+ 0,10		
	Oct. 27	16,52	− 1,98	59,82	+ 0,16		
	Dec. 66	14,54		59,98			
1834	Jan. 0	1 0 31,01	− 1,97	88 25 19,29	+ 0,20	041	430
	Apr. 10	29,04	− 1,90	19,49	+ 0,25		
	Jul. 19	27,14	− 1,84	19,74	+ 0,30		
	Oct. 27	25,30	− 1,77	20,04	+ 0,36		
	Dec. 66	23,53		20,40			
1835	Jan. 0	1 0 40,02	− 1,71	88 25 39,64	+ 0,38	988	798
	Apr. 10	38,31	− 1,60	40,02	+ 0,43		
	Jul. 19	36,71	− 1,49	40,45	+ 0,47		
	Oct. 27	35,22	− 1,37	40,92	+ 0,50		
	Dec. 66	33,85		41,42			
1836	Jan. 1	1 0 50,30	− 1,28	88 26 0,60	+ 0,53	934	167
	Apr. 10	49,02	− 1,13	1,13	+ 0,55		
	Jul. 19	47,89	− 0,97	1,68	+ 0,58		
	Oct. 27	46,92	− 0,82	2,26	+ 0,60		
	Dec. 66	46,10		2,86			
1837	Jan. 0	1 1 2,46	− 0,71	88 26 22,00	+ 0,61	880	535
	Apr. 10	1,75	− 0,53	22,61	+ 0,61		
	Jul. 19	1,22	− 0,36	23,22	+ 0,62		
	Oct. 27	0,86	− 0,17	23,84	+ 0,62		
	Dec. 66	0,69		24,46			
1838	Jan. 0	1 1 16,92	− 0,06	88 26 43,59	+ 0,62	827	903
	Apr. 10	16,86	+ 0,12	44,21	+ 0,61		
	Jul. 19	16,98	+ 0,29	44,82	+ 0,60		
	Oct. 27	17,27	+ 0,47	45,42	+ 0,59		
	Dec. 66	17,74		46,01			
1839	Jan. 0	1 1 33,86	+ 0,61	88 27 5,14	+ 0,57	773	272
	Apr. 10	34,47	+ 0,75	5,71	+ 0,55		
	Jul. 19	35,22	+ 0,92	6,26	+ 0,51		
	Oct. 27	36,14	+ 1,09	6,77	+ 0,48		
	Dec. 66	37,23		7,25			

Tabulae X. Sect. V. *α Ursae minoris.*

						⊙ + ☊	☽
1840	Jan. 1	1h 1′ 53″,26	+ 1″,19	88° 27′ 26″,42	+ 0″,46	719	640
	Apr. 10	54,45	+ 1,32	26,88	+ 0,41		
	Jul. 19	55,77	+ 1,46	27,29	+ 0,37		
	Oct. 27	57,23	+ 1,59	27,66	+ 0,33		
	Dec. 66	58,82		27,99			
1841	Jan. 0	1 2 14,79	+ 1,67	88 27 47,20	+ 0,30	665	008
	Apr. 10	16,46	+ 1,75	47,50	+ 0,24		
	Jul. 19	18,21	+ 1,85	47,74	+ 0,19		
	Oct. 27	20,06	+ 1,93	47,93	+ 0,14		
	Dec. 66	21,99		48,07			
1842	Jan. 0	1 2 37,95	+ 1,97	88 28 7,34	+ 0,10	612	376
	Apr. 10	39,92	+ 2,01	7,44	+ 0,04		
	Jul. 19	41,93	+ 2,03	7,48	− 0,02		
	Oct. 27	43,96	+ 2,06	7,46	− 0,08		
	Dec. 66	46,02		7,38			
1843	Jan. 0	1 3 2,05	+ 2,07	88 28 26,72	− 0,11	558	745
	Apr. 10	4,12	+ 2,03	26,61	− 0,18		
	Jul. 19	6,15	+ 2,00	26,43	− 0,22		
	Oct. 27	8,15	+ 1,96	26,21	− 0,29		
	Dec. 66	10,11		25,92			
1844	Jan. 1	1 3 26,29	+ 1,92	88 28 45,32	− 0,32	504	113
	Apr. 10	28,21	+ 1,82	45,00	− 0,35		
	Jul. 19	30,03	+ 1,73	44,64	− 0,42		
	Oct. 27	31,76	+ 1,63	44,22	− 0,46		
	Dec. 66	33,39		43,76			
1845	Jan. 0	1 3 49,80	+ 1,54	88 29 3,21	− 0,49	450	481
	Apr. 10	51,34	+ 1,40	2,72	− 0,52		
	Jul. 19	52,74	+ 1,25	2,20	− 0,56		
	Oct. 27	53,99	+ 1,10	1,64	− 0,59		
	Dec. 66	55,09		1,05			
1846	Jan. 0	1 4 11,78	+ 0,98	88 29 20,54	− 0,61	397	849
	Apr. 10	12,76	+ 0,80	19,93	− 0,63		
	Jul. 19	13,56	+ 0,61	19,30	− 0,63		
	Oct. 27	14,17	+ 0,43	18,67	− 0,65		
	Dec. 66	14,60		18,02			
1847	Jan. 0	1 4 31,64	+ 0,29	88 29 37,52	− 0,66	343	218
	Apr. 10	31,93	+ 0,09	36,86	− 0,65		
	Jul. 19	32,02	− 0,11	36,21	− 0,64		
	Oct. 27	31,91	− 0,31	35,57	− 0,63		
	Dec. 66	31,60		34,94			
1848	Jan. 1	1 4 48,99	− 0,44	88 29 54,43	− 0,62	289	586
	Apr. 10	48,55	− 0,63	53,81	− 0,60		
	Jul. 19	47,92	− 0,83	53,21	− 0,56		
	Oct. 27	47,09	− 1,01	52,65	− 0,54		
	Dec. 66	46,08		52,11			
1849	Jan. 0	1 5 3,82	− 1,13	88 30 11,56	− 0,51	235	954
	Apr. 10	2,69	− 1,28	11,05	− 0,47		
	Jul. 19	1,41	− 1,44	10,58	− 0,42		
	Oct. 27	4 59,97	− 1,59	10,16	− 0,38		
	Dec. 66	58,38		9,78			

Tabulae X. Sect. V. *α Ursae minoris.*

	Corr. A. R. pro 1840		Variatio annua		Corr. Decl. pro 1840		Variatio annua		Mot. Arg. ⊙+☊	☽
Jan. 0	+ 7,55″	−7,87″	+0,0861″	−258	+20,01″	+0,68″	−0,0024″	+31	000	000
10	− 0,32	−7,97	+0,0603	−280	+20,69	+0,02	+0,0007	+38	026	365
20	− 8,29	−7,76	+0,0323	−294	+20,71	−0,63	+0,0045	+41	052	730
30	−16,05	−7,26	+0,0029	−295	+20,08	−1,24	+0,0086	+35	078	095
Febr. 9	−23,31	−6,47	−0,0266	−284	+18,84	−1,81	+0,0122	+32	103	460
19	−29,78	−5,43	−0,0550	−258	+17,03	−2,28	+0,0154	+27	129	825
Mart. 1	−35,21	−4,17	−0,0808	−226	+14,75	−2,66	+0,0181	+21	155	190
11	−39,38	−2,77	−0,1034	−186	+12,09	−2,93	+0,0202	+13	181	555
21	−42,15	−1,27	−0,1220	−136	+ 9,16	−3,06	+0,0215	+ 6	207	920
31	−43,42	+0,26	−0,1356	− 84	+ 6,10	−3,09	+0,0221	− 3	233	285
Apr. 10	−43,16	+1,75	−0,1440	− 30	+ 3,01	−2,98	+0,0218	− 9	258	650
20	−41,41	+3,16	−0;1470	+ 27	+ 0,03	−2,76	+0,0209	−15	284	015
30	−38,25	+4,44	−0,1443	+ 80	− 2,73	−2,45	+0,0194	−23	310	380
Maj. 10	−33,81	+5,56	−0,1363	+131	− 5,18	−2,06	+0,0171	−28	336	745
20	−28,25	+6,47	−0,1232	+176	− 7,24	−1,60	+0,0143	−31	362	110
30	−21,78	+7,18	−0,1056	+214	− 8,84	−1,09	+0,0112	−34	388	475
Jun. 9	−14,60	+7,68	−0,0842	+247	− 9,93	−0,53	+0,0078	−39	413	840
19	− 6,92	+7,95	−0,0595	+272	−10,46	−0,02	+0,0039	−38	439	205
29	+ 1,03	+8,03	−0,0323	+291	−10,48	+0,55	+0,0001	−39	465	570
Jul. 9	+ 9,06	+7,90	−0,0032	+302	− 9,93	+1,09	−0,0038	−40	491	935
19	+16,96	+7,60	+0,0270	+308	− 8,84	+1,59	−0,0078	−36	517	300
29	+24,56	+7,13	+0,0578	+304	− 7,25	+2,07	−0,0114	−34	543	665
Aug. 8	+31,69	+6,51	+0,0832	+296	− 5,18	+2,49	−0,0148	−33	568	030
18	+38,20	+5,77	+0,1178	+283	− 2,69	+2,87	−0,0181	−28	594	395
28	+43,97	+4,90	+0,1461	+262	+ 0,18	+3,20	−0,0209	−25	620	760
Sept. 7	+48,87	+3,93	+0,1723	+239	+ 3,38	+3,45	−0,0234	−19	646	125
17	+52,80	+2,88	+0,1962	+208	+ 6,83	+3,64	−0,0253	−13	672	490
27	+55,68	+1,74	+0,2170	+171	+10,47	+3,76	−0,0266	− 9	698	855
Oct. 7	+57,42	+0,56	+0,2341	+134	+14,23	+3,80	−0,0275	− 2	723	220
17	+57,98	−0,67	+0,2475	+ 89	+18,03	+3,76	−0,0277	+ 4	749	585
27	+57,31	−1,92	+0,2564	+ 40	+21,79	+3,63	−0,0273	+11	775	950
Nov. 6	+55,39	−3,15	+0,2604	− 10	+25,42	+3,42	−0,0262	+16	801	315
16	+52,24	−4,33	+0,2594	− 60	+28,84	+3,11	−0,0246	+23	827	680
26	+47,91	−5,43	+0,2534	−111	+31,95	+2,71	−0,0223	+27	853	045
Dec. 6	+42,48	−6,37	+0,2423	−158	+34,66	+2,24	−0,0196	+34	879	410
16	+36,11	−7,15	+0,2265	−203	+36,90	+1,68	−0,0162	+36	904	775
26	+28,96	−7,69	+0,2062	−237	+38,58	+1,08	−0,0126	+40	930	140
36	+21,27		+0,1825		+39,66		−0,0086		956	505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Dici reducto addendum est:

pro Culminatione superiori	ante	Apr. 6	+ 1	
	post		+ 2	
pro Culminatione inferiori	ante	Oct. 9	+ 1,5	
	post		+ 2,5	

Tabulae X. Sect. V. *α Ursae minoris.*

Motus Arg.

Dies	⊙+☊	☽
1	003	037
2	005	073
3	008	110
4	010	146
5	013	183
6	016	219
7	018	256
8	021	292
9	023	329
10	026	365

Arg. ⊙ + ☊

Arg.	A. R.	Arg.
000	—0″,03 +	500
010	—0,03 +	510
020	—0,03 +	520
030	—0,02 +	530
040	—0,02 +	540
050	—0,02 +	550
060	—0,01 +	560
070	—0,01 +	570
080	0,00	580
090	0,00	590
100	+0,01 —	600
110	+0,01 —	610
120	+0,02 —	620
130	+0,02 —	630
140	+0,02 —	640
150	+0,03 —	650
160	+0,03 —	660
170	+0,03 —	670
180	+0,04 —	680
190	+0,04 —	690
200	+0,04 —	700
210	+0,05 —	710
220	+0,05 —	720
230	+0,05 —	730
240	+0,06 —	740
250	+0,06 —	750
260	+0,06 —	760
270	+0,06 —	770
280	+0,06 —	780
290	+0,06 —	790
300	+0,07 —	800
310	+0,07 —	810
320	+0,07 —	820
330	+0,07 —	830
340	+0,07 —	840
350	+0,07 —	850
360	+0,07 —	860
370	+0,07 —	870
380	+0,06 —	880
390	+0,06 —	890
400	+0,06 —	900
410	+0,06 —	910
420	+0,06 —	920
430	+0,06 —	930
440	+0,05 —	940
450	+0,05 —	950
460	+0,05 —	960
470	+0,05 —	970
480	+0,04 —	980
490	+0,04 —	990

Arg. ☽

Arg.	Arg.	A. R.	Decl.
000	500	— 0″,21	+ 0″,02
010	510	— 0,22	+ 0,01
020	520	— 0,22	0,00
030	530	— 0,22	— 0,01
040	540	— 0,22	— 0,02
050	550	— 0,21	— 0,03
060	560	— 0,20	— 0,04
070	570	— 0,18	— 0,04
080	580	— 0,17	— 0,05
090	590	— 0,15	— 0,06
100	600	— 0,13	— 0,07
110	610	— 0,10	— 0,07
120	620	— 0,08	— 0,08
130	630	— 0,05	— 0,08
140	640	— 0,03	— 0,08
150	650	0,00	— 0,08
160	660	+ 0,03	— 0,08
170	670	+ 0,06	— 0,08
180	680	+ 0,08	— 0,07
190	690	+ 0,11	— 0,07
200	700	+ 0,13	— 0,06
210	710	+ 0,15	— 0,06
220	720	+ 0,17	— 0,05
230	730	+ 0,19	— 0,04
240	740	+ 0,20	— 0,03
250	750	+ 0,21	— 0,02
260	760	+ 0,22	— 0,01
270	770	+ 0,22	0,00
280	780	+ 0,22	+ 0,01
290	790	+ 0,22	+ 0,02
300	800	+ 0,21	+ 0,03
310	810	+ 0,20	+ 0,04
320	820	+ 0,18	+ 0,04
330	830	+ 0,17	+ 0,05
340	840	+ 0,15	+ 0,06
350	850	+ 0,13	+ 0,07
360	860	+ 0,10	+ 0,07
370	870	+ 0,08	+ 0,08
380	880	+ 0,05	+ 0,08
390	890	+ 0,03	+ 0,08
400	900	0,00	+ 0,08
410	910	— 0,03	+ 0,08
420	920	— 0,06	+ 0,08
430	930	— 0,08	+ 0,07
440	940	— 0,11	+ 0,07
450	950	— 0,13	+ 0,06
460	960	— 0,15	+ 0,06
470	970	— 0,17	+ 0,05
480	980	— 0,19	+ 0,04
490	990	— 0,20	+ 0,03

Tabulae X. Sect. V. *α Ursae minoris.*

	A. R. med.	+	Decl. med.	+
	h ′ ″	″	° ′ ″	″
1830	0 59 31,708	15,522	88 24 8,428	19,384
1831	59 47,230	15,617	24 27,812	19,378
1832	1 0 2,847	15,712	24 47,190	19,372
1833	0 18,559	15,810	25 6,562	19,366
1834	0 34,369	15,907	25 26,928	19,360
1835	0 50,276	16,006	25 45,288	19,354
1836	1 6,282	16,105	26 4,642	19,347
1837	1 22,387	16,207	26 23,989	19,341
1838	1 38,594	16,307	26 43,330	19,334
1839	1 54,901	16,411	27 2,664	19,328
1840	2 11,312	16,514	27 21,992	19,321
1841	2 27,826	16,619	27 41,313	19,315
1842	2 44,445	16,725	28 0,628	19,308
1843	3 1,170	16,832	28 19,936	19,301
1844	3 18,002	16,940	28 39,237	19,295
1845	3 34,942	17,049	28 58,532	19,288
1846	3 51,991	17,160	29 17,820	19,280
1847	4 9,151	17,271	29 37,100	19,273
1848	4 26,422	17,383	29 56,373	19,266
1849	4 43,805	17,497	30 15,639	19,259
1850	5 1,302		30 34,898	

Tabulae X. Sect. V. δ *Ursae minoris.*

		h ′ ″	″	° ′ ″	″	☽
1830	Jan. 0	18 27 9,99	+ 0,57	86 35 15,67	— 0,22	984
	Apr. 10	10,56	+ 0,55	15,45	— 0,28	
	Jul. 19	11,11	+ 0,52	15,17	— 0,37	
	Oct. 27	11,63	+ 0,49	14,80	— 0,43	
	Dec. 66	12,12		14,37		
1831	Jan. 0	18 26 52,80	+ 0,47	86 35 16,90	— 0,48	352
	Apr. 10	53,27	+ 0,42	16,42	— 0,53	
	Jul. 19	53,69	+ 0,38	15,89	— 0,59	
	Oct. 27	54,07	+ 0,35	15,30	— 0,65	
	Dec. 66	54,42		14,65		
1832	Jan. 1	18 26 35,14	+ 0,31	86 35 17,22	— 0,68	720
	Apr. 10	35,45	+ 0,26	16,54	— 0,71	
	Jul. 19	35,71	+ 0,20	15,83	— 0,75	
	Oct. 27	35,91	+ 0,15	15,08	— 0,78	
	Dec. 66	36,06		14,30		
1833	Jan. 0	18 26 16,84	+ 0,12	86 35 16,88	— 0,80	89
	Apr. 10	16,96	+ 0,06	16,08	— 0,81	
	Jul. 19	17,02	0,00	15,27	— 0,82	
	Oct. 27	17,02	— 0,05	14,45	— 0,82	
	Dec. 66	16,97		13,63		
1834	Jan. 0	18 25 57,81	— 0,08	86 35 16,19	— 0,82	457
	Apr. 10	57,73	— 0,14	15,37	— 0,81	
	Jul. 19	57,59	— 0,20	14,56	— 0,80	
	Oct. 27	57,39	— 0,24	13,76	— 0,78	
	Dec. 66	57,15		12,98		
1835	Jan. 0	18 25 38,05	— 0,27	86 35 15,50	— 0,76	825
	Apr. 10	37,78	— 0,32	14,74	— 0,72	
	Jul. 19	37,46	— 0,36	14,02	— 0,69	
	Oct. 27	37,10	— 0,40	13,33	— 0,64	
	Dec. 66	36,70		12,69		
1836	Jan. 1	18 25 17,64	— 0,43	86 35 15,13	— 0,61	193
	Apr. 10	17,21	— 0,45	14,52	— 0,56	
	Jul. 19	16,76	— 0,49	13,96	— 0,50	
	Oct. 27	16,27	— 0,52	13,46	— 0,45	
	Dec. 66	15,75		13,01		
1837	Jan. 0	18 24 56,72	— 0,53	86 35 15,36	— 0,40	562
	Apr. 10	56,19	— 0,54	14,96	— 0,34	
	Jul. 19	55,65	— 0,57	14,62	— 0,27	
	Oct. 27	55,08	— 0,57	14,35	— 0,20	
	Dec. 66	54,51		14,15		
1838	Jan. 0	18 24 35,49	— 0,58	86 35 16,39	— 0,15	930
	Apr. 10	34,91	— 0,58	16,24	— 0,08	
	Jul. 19	34,33	— 0,57	16,16	— 0,01	
	Oct. 27	33,76	— 0,58	16,15	+ 0,06	
	Dec. 66	33,18		16,21		
1839	Jan. 0	18 24 14,16	— 0,57	86 35 18,33	+ 0,12	298
	Apr. 10	13,59	— 0,55	18,45	+ 0,18	
	Jul. 19	13,04	— 0,53	18,63	+ 0,26	
	Oct. 27	12,51	— 0,51	18,89	+ 0,32	
	Dec. 66	12,00		19,21		

Tabulae X. Sect. V. *δ Ursae minoris.*

		h ′ ″	″	° ′ ″	″	☽
1840	Jan. 1	18 23 52,94	— 0,49	86 35 21,21	+ 0,37	666
	Apr. 10	52,45	— 0,47	21,58	+ 0,43	
	Jul. 19	51,98	— 0,43	22,01	+ 0,49	
	Oct. 27	51,55	— 0,40	22,50	+ 0,55	
	Dec. 66	51,15		23,05		
1841	Jan. 0	18 23 32,05	— 0,37	86 35 24,95	+ 0,59	35
	Apr. 10	31,68	— 0,32	25,54	+ 0,63	
	Jul. 19	31,36	— 0,29	26,17	+ 0,67	
	Oct. 27	31,07	— 0,24	26,84	+ 0,72	
	Dec. 66	30,83		27,56		
1842	Jan. 0	18 23 11,67	— 0,21	86 35 29,38	+ 0,74	403
	Apr. 10	11,46	— 0,15	30,12	+ 0,77	
	Jul. 19	11,31	— 0,11	30,89	+ 0,78	
	Oct. 27	11,20	— 0,05	31,67	+ 0,82	
	Dec. 66	11,15		32,49		
1843	Jan. 0	18 22 51,92	— 0,02	86 35 34,25	+ 0,82	771
	Apr. 10	51,90	+ 0,04	35,07	+ 0,82	
	Jul. 19	51,94	+ 0,09	35,89	+ 0,82	
	Oct. 27	52,03	+ 0,15	36,71	+ 0,81	
	Dec. 66	52,18		37,52		
1844	Jan. 1	18 22 32,88	+ 0,18	86 35 39,26	+ 0,80	139
	Apr. 10	33,06	+ 0,23	40,06	+ 0,78	
	Jul. 19	33,29	+ 0,28	40,84	+ 0,75	
	Oct. 27	33,57	+ 0,34	41,59	+ 0,73	
	Dec. 66	33,91		42,32		
1845	Jan. 0	18 22 14,53	+ 0,37	86 35 44,06	+ 0,70	508
	Apr. 10	14,90	+ 0,40	44,76	+ 0,65	
	Jul. 19	15,30	+ 0,45	45,41	+ 0,60	
	Oct. 27	15,75	+ 0,49	46,01	+ 0,55	
	Dec. 66	16,24		46,56		
1846	Jan. 0	18 21 56,80	+ 0,51	86 35 48,34	+ 0,51	876
	Apr. 10	57,31	+ 0,54	48,85	+ 0,44	
	Jul. 19	57,85	+ 0,56	49,29	+ 0,38	
	Oct. 27	58,41	+ 0,58	49,67	+ 0,30	
	Dec. 66	58,99		49,97		
1847	Jan. 0	18 21 39,52	+ 0,59	86 35 51,80	+ 0,26	244
	Apr. 10	40,11	+ 0,60	52,06	+ 0,18	
	Jul. 19	40,71	+ 0,61	52,24	+ 0,10	
	Oct. 27	41,32	+ 0,61	52,34	+ 0,03	
	Dec. 66	41,93		52,37		
1848	Jan. 1	18 21 22,45	+ 0,61	86 35 54,27	— 0,02	612
	Apr. 10	23,06	+ 0,59	54,25	— 0,11	
	Jul. 19	23,65	+ 0,58	54,14	— 0,18	
	Oct. 27	24,23	+ 0,57	53,96	— 0,26	
	Dec. 66	24,80		53,70		
1849	Jan. 0	18 21 5,33	+ 0,55	86 35 55,67	— 0,31	981
	Apr. 10	5,88	+ 0,52	55,36	— 0,37	
	Jul. 19	6,40	+ 0,49	54,99	— 0,45	
	Oct. 27	6,89	+ 0,46	54,54	— 0,51	
	Dec. 66	7,35		54,03		

Tabulae X. Sect. V. δ *Ursae minoris.*

	Corr. A. R. pro 1840		Variatio annua		Corr. Decl. pro 1840		Variatio annua		Mot. ☽
Jan. 0	−22″,73	−0″,02	−0″,0029	+51	−0″,65	−3″,37	−0″,0281	−1	000
10	−22,75	+0,70	+0,0022	+50	−4,02	−3,27	−0,0282	+7	365
20	−22,05	+1,40	+0,0072	+49	−7,29	−3,07	−0,0275	+16	730
30	−20,65	+2,03	+0,0121	+44	−10,36	−2,74	−0,0259	+24	095
Febr. 9	−18,62	+2,57	+0,0165	+40	−13,10	−2,32	−0,0235	+31	460
19	−16,05	+3,01	+0,0205	+32	−15,42	−1,80	−0,0204	+36	825
Mart 1	−13,04	+3,32	+0,0237	+25	−17,22	−1,23	−0,0163	+40	190
11	−9,72	+3,51	+0,0262	+16	−18,45	−0,61	−0,0123	+43	555
21	−6,21	+3,54	+0,0278	+6	−19,06	+0,03	−0,0085	+43	920
31	−2,67	+3,46	+0,0284	−4	−19,03	+0,65	−0,0042	+42	285
Apr. 10	+0,79	+3,23	+0,0280	−12	−18,38	+1,23	0,0000	+40	650
20	+4,02	+2,90	+0,0268	−22	−17,15	+1,76	+0,0040	+35	015
30	+6,92	+2,46	+0,0246	−29	−15,39	+2,23	+0,0075	+30	380
Maj. 10	+9,38	+1,96	+0,0217	−36	−13,16	+2,60	+0,0105	+23	745
20	+11,34	+1,39	+0,0181	−42	−10,56	+2,90	+0,0128	+16	110
30	+12,73	+0,78	+0,0139	−46	−7,66	+3,09	+0,0144	+9	475
Jun. 9	+13,51	+0,15	+0,0093	−49	−4,57	+3,19	+0,0153	0	840
19	+13,66	−0,48	+0,0044	−51	−1,38	+3,21	+0,0153	−7	205
29	+13,18	−1,10	−0,0007	−50	+1,83	+3,14	+0,0146	−16	570
Jul. 9	+12,08	−1,69	−0,0057	−49	+4,97	+3,00	+0,0130	−22	935
19	+10,39	−2,24	−0,0106	−47	+7,97	+2,77	+0,0108	−29	300
29	+8,15	−2,73	−0,0153	−45	+10,74	+2,51	+0,0079	−36	665
Aug. 8	+5,42	−3,17	−0,0198	−38	+13,25	+2,17	+0,0043	−41	030
18	+2,25	−3,55	−0,0236	−34	+15,42	+1,79	+0,0002	−45	395
28	−1,30	−3,85	−0,0270	−27	+17,21	+1,38	−0,0043	−49	760
Sept. 7	−5,15	−4,06	−0,0297	−22	+18,59	+0,93	−0,0092	−51	125
17	−9,21	−4,19	−0,0319	−14	+19,52	+0,47	−0,0143	−53	490
27	−13,40	−4,24	−0,0333	−7	+19,99	−0,03	−0,0196	−54	855
Oct. 7	−17,64	−4,19	−0,0340	+2	+19,96	−0,52	−0,0250	−52	220
17	−21,83	−4,04	−0,0338	+9	+19,44	−1,02	−0,0302	−51	585
27	−25,87	−3,79	−0,0329	+17	+18,42	−1,51	−0,0353	−48	950
Nov. 6	−29,66	−3,44	−0,0312	+24	+16,91	−1,96	−0,0401	−44	315
16	−33,10	−3,00	−0,0288	+32	+14,95	−2,39	−0,0445	−38	680
26	−36,10	−2,46	−0,0256	+38	+12,56	−2,76	−0,0483	−31	045
Dec. 6	−38,56	−1,85	−0,0218	+43	+9,80	−3,06	−0,0514	−24	410
16	−40,41	−1,18	−0,0175	+47	+6,74	−3,25	−0,0533	−16	775
26	−41,59	−0,47	−0,0128	+50	+3,49	−3,36	−0,0554	−7	140
36	−42,06		−0,0078		+0,13		−0,0561		505

In mensibus Jan. et Febr. annorum bissextorum legitur dies insequens.

Diei reducto addendum est:

pro Culminatione superiori	ante	Dec. 28	+ 1
	post		+ 2
pro Culminatione inferiori	ante	Jun. 28	+ 0,5
	post		+ 1,5

Tabulae X. Sect. V. δ *Ursae minoris.*

Motus Arg.

Dies	☽
1	37
2	73
3	110
4	146
5	183
6	219
7	256
8	292
9	329
10	365

Argumentum ☽

Arg.	Arg.	A. R.	Decl.	Arg.	Arg.
000	500	— 0″,01 +	— 0″,09 +	250	750
010	510	0,00	— 0,09 +	260	760
020	520	+ 0,01 —	— 0,09 +	270	770
030	530	+ 0,02 —	— 0,08 +	280	780
040	540	+ 0,03 —	— 0,08 +	290	790
050	550	+ 0,04 —	— 0,08 +	300	800
060	560	+ 0,05 —	— 0,07 +	310	810
070	570	+ 0,05 —	— 0,06 +	320	820
080	580	+ 0,06 —	— 0,05 +	330	830
090	590	+ 0,07 —	— 0,04 +	340	840
100	600	+ 0,07 —	— 0,03 +	350	850
110	610	+ 0,07 —	— 0,02 +	360	860
120	620	+ 0,08 —	— 0,01 +	370	870
130	630	+ 0,08 —	0,00	380	880
140	640	+ 0,08 —	+ 0,01 —	390	890
150	650	+ 0,08 —	+ 0,02 —	400	900
160	660	+ 0,07 —	+ 0,03 —	410	910
170	670	+ 0,07 —	+ 0,04 —	420	920
180	680	+ 0,07 —	+ 0,05 —	430	930
190	690	+ 0,06 —	+ 0,06 —	440	940
200	700	+ 0,05 —	+ 0,07 —	450	950
210	710	+ 0,05 —	+ 0,07 —	460	960
220	720	+ 0,04 —	+ 0,08 —	470	970
230	730	+ 0,03 —	+ 0,08 —	480	980
240	740	+ 0,02 —	+ 0,09 —	490	990
250	750	+ 0,01 —	+ 0,09 —	500	1000

Tabulae X. Sect. V. δ *Ursae minoris.*

	A. R. med.	—	Decl. med.	+
	h ′ ″	″	° ′ ″	″
1810	18 33 29,358	18,982	86 34 13,653	2,921
1811	33 10,376	18,991	34 16,574	2,893
1812	32 51,385	19,001	34 19,467	2,866
1813	32 32,384	19,010	34 22,333	2,837
1814	32 13,374	19,020	34 25,170	2,812
1815	31 54,354	19,028	34 27,982	2,784
1816	31 35,326	19,038	34 30,766	2,756
1817	31 16,288	19,047	34 33,522	2,728
1818	30 57,241	19,056	34 36,250	2,701
1819	30 38,185	19,065	34 38,951	2,673
1820	30 19,120	19,073	34 41,624	2,646
1821	30 0,047	19,083	34 44,270	2,618
1822	29 40,964	19,090	34 46,888	2,590
1823	29 21,874	19,100	34 49,478	2,562
1824	29 2,774	19,108	34 52,040	2,536
1825	28 43,666	19,116	34 54,576	2,508
1826	28 24,550	19,124	34 57,084	2,480
1827	28 5,426	19,133	34 59,564	2,452
1828	27 46,293	19,141	35 2,016	2,424
1829	27 27,152	19,148	35 4,440	2,397
1830	27 8,004	19,157	35 6,837	2,369
1831	26 48,847	19,164	35 9,206	2,341
1832	26 29,683	19,172	35 11,547	2,313
1833	26 10,511	19,180	35 13,860	2,287
1834	25 51,331	19,187	35 16,147	2,258
1835	25 32,144	19,194	35 18,405	2,230
1836	25 12,950	19,202	35 20,635	2,203
1837	24 53,748	19,210	35 22,838	2,174
1838	24 34,538	19,216	35 25,012	2,147
1839	24 15,322	19,224	35 27,159	2,119
1840	23 56,098	19,230	35 29,278	2,091
1841	23 36,868	19,238	35 31,369	2,063
1842	23 17,630	19,244	35 33,432	2,036
1843	22 58,386	19,251	35 35,468	2,007
1844	22 39,135	19,258	35 37,475	1,980
1845	22 19,877	19,264	35 39,455	1,951
1846	22 0,613	19,271	35 41,406	1,924
1847	21 41,342	19,277	35 43,330	1,896
1848	21 22,065	19,283	35 45,226	1,867
1849	21 2,782	19,290	35 47,093	1,840
1850	20 43,492		35 48,933	

Tabula XI.

Declinationes Stellarum in Specula Grenovicensi saepe observatarum.

h Geminorum. $g' = 0,467$

	Decl. med.	Var. ann.	Log. a'	Log. b'	Log. c'	Log. d'	Log. μ
1750	23° 14′ 57″,870	+ 0″,8594	9,9862	9,9995 *n*	7,6708	8,2801	9,0390 *n*
1760	15 6,198	+ 0,8062	9,9617	9,9995 *n*	7,6599	8,2557	9,0390 *n*
1770	15 13,994	+ 0,7531	9,9358	9,9996 *n*	7,6490	8,2298	9,0390 *n*
1780	15 21,260	+ 0,7000	9,9082	9,9996 *n*	7,6391	8,2022	9,0390 *n*
1790	15 27,994	+ 0,6469	9,8787	9,9997 *n*	7,6291	8,1728	9,0390 *n*
1800	15 34,198	+ 0,5938	9,8470	9,9997 *n*	7,6192	8,1412	9,0390 *n*
1810	15 39,869	+ 0,5406	9,8129	9,9998 *n*	7,6093	8,1071	9,0390 *n*
1820	15 45,010	+ 0,4875	9,7759	9,9998 *n*	7,6003	8,0701	9,0390 *n*
1830	15 49,619	+ 0,4344	9,7354	9,9998 *n*	7,5914	8,0297	9,0390 *n*
1840	15 53,698	+ 0,3813	9,6907	9,9999 *n*	7,5830	7,9850	9,0390 *n*
1850	15 57,245	+ 0,3281	9,6409	9,9999 *n*	7,5745	7,9353	9,0390 *n*

η Geminorum. $g' = 0,474$

	Decl. med.	Var. ann.	Log. a'	Log. b'	Log. c'	Log. d'	Log. μ
1750	22° 33′ 8″,002	+ 0″,0128	8,2690	0,0000 *n*	8,2428	6,5504	7,7708 *n*
1760	33 7,866	− 0,0400	8,5346 *n*	0,0000 *n*	8,2422	6,8159 *n*	7,7708 *n*
1770	33 7,201	− 0,0928	8,9397 *n*	0,0000 *n*	8,2418	7,2211 *n*	7,7708 *n*
1780	33 6,009	− 0,1456	9,1456 *n*	0,0000 *n*	8,2418	7,4271 *n*	7,7708 *n*
1790	33 4,289	− 0,1984	9,2847 *n*	0,0000 *n*	8,2417	7,5662 *n*	7,7708 *n*
1800	33 2,041	− 0,2513	9,3899 *n*	0,0000 *n*	8,2417	7,6714 *n*	7,7708 *n*
1810	32 59,264	− 0,3041	9,4745 *n*	0,0000 *n*	8,2417	7,7560 *n*	7,7708 *n*
1820	32 55,960	− 0,3568	9,5453 *n*	9,9999 *n*	8,2419	7,8267 *n*	7,7708 *n*
1830	32 52,128	− 0,4097	9,6060 *n*	9,9999 *n*	8,2422	7,8874 *n*	7,7708 *n*
1840	32 47,767	− 0,4625	9,6595 *n*	9,9999 *n*	8,2427	7,9409 *n*	7,7708 *n*
1850	32 42,879	− 0,5152	9,7070 *n*	9,9999 *n*	8,2434	7,9884 *n*	7,7708 *n*

μ Geminorum. $g' = 0,480$

	Decl. med.	Var. ann.	Log. a'	Log. b'	Log. c'	Log. d'	Log. μ
1750	22° 36′ 54″,244	− 0″,7957	9,8361 *n*	9,9998 *n*	8,2178	8,1186 *n*	9,0449 *n*
1760	36 46,023	− 0,8485	9,8684 *n*	9,9997 *n*	8,2193	8,1509 *n*	9,0449 *n*
1770	36 37,274	− 0,9014	9,8984 *n*	9,9997 *n*	8,2210	8,1808 *n*	9,0449 *n*
1780	36 27,995	− 0,9544	9,9265 *n*	9,9996 *n*	8,2227	8,2089 *n*	9,0449 *n*
1790	36 18,187	− 1,0073	9,9529 *n*	9,9996 *n*	8,2243	8,2353 *n*	9,0449 *n*
1800	36 7,850	− 1,0601	9,9777 *n*	9,9995 *n*	8,2257	8,2601 *n*	9,0449 *n*
1810	35 56,985	− 1,1130	0,0013 *n*	9,9995 *n*	8,2285	8,2836 *n*	9,0449 *n*
1820	35 45,590	− 1,1659	0,0236 *n*	9,9994 *n*	8,2308	8,3059 *n*	9,0449 *n*
1830	35 33,667	− 1,2188	0,0448 *n*	9,9993 *n*	8,2331	8,3271 *n*	9,0449 *n*
1840	35 21,214	− 1,2717	0,0650 *n*	9,9993 *n*	8,2358	8,3473 *n*	9,0449 *n*
1850	35 8,233	− 1,3245	0,0843 *n*	9,9992 *n*	8,2386	8,3665 *n*	9,0449 *n*

Tabula XI. *continuata.*

Declinationes Stellarum in Specula Grenovicensi saepe observatarum.

ν Geminorum. g′ = 0,484

	Decl. med.	Var. ann.	Log. *a′*	Log. *b′*	Log. *c′*	Log. *d′*	Log. μ
1750	20° 20′ 37″,521	− 1″,2312	0,0917 *n*	9,9992 *n*	8,7792	8,3304 *n*	7,5911
1760	20 24,950	− 1,2830	0,1095 *n*	9,9991 *n*	8,7799	8,3482 *n*	7,5911
1770	20 11,861	− 1,3348	0,1267 *n*	9,9990 *n*	8,7807	8,3653 *n*	7,5911
1780	19 58,254	− 1,3866	0,1432 *n*	9,9990 *n*	8,7815	8,3817 *n*	7,5911
1790	19 44,129	− 1,4383	0,1590 *n*	9,9989 *n*	8,7823	8,3975 *n*	7,5911
1800	19 29,487	− 1,4900	0,1744 *n*	9,9988 *n*	8,7831	8,4128 *n*	7,5911
1810	19 14,328	− 1,5418	0,1891 *n*	9,9987 *n*	8,7839	8,4275 *n*	7,5911
1820	18 58,650	− 1,5937	0,2034 *n*	9,9986 *n*	8,7848	8,4417 *n*	7,5911
1830	18 42,455	− 1,6454	0,2173 *n*	9,9985 *n*	8,7858	8,4555 *n*	7,5911
1840	18 25,742	− 1,6972	0,2307 *n*	9,9984 *n*	8,7868	8,4688 *n*	7,5911
1850	18 8,511	− 1,7490	0,2437 *n*	9,9983 *n*	8,7878	8,4818 *n*	7,5911

γ Geminorum. g′ = 0,490

	Decl. med.	Var. ann.	Log. *a′*	Log. *b′*	Log. *c′*	Log. *d′*	Log. μ
1750	16° 35′ 13″,237	− 2″,0749	0,3082 *n*	9,9978 *n*	9,1211	8,4614 *n*	8,6181 *n*
1760	34 52,237	− 2,1251	0,3188 *n*	9,9976 *n*	9,1216	8,4718 *n*	8,6181 *n*
1770	34 30,735	− 2,1753	0,3292 *n*	9,9975 *n*	9,1221	8,4820 *n*	8,6181 *n*
1780	34 8,732	− 2,2255	0,3393 *n*	9,9974 *n*	9,1227	8,4920 *n*	8,6181 *n*
1790	33 46,226	− 2,2757	0,3491 *n*	9,9973 *n*	9,1233	8,5017 *n*	8,6181 *n*
1800	33 23,219	− 2,3258	0,3588 *n*	9,9972 *n*	9,1238	8,5113 *n*	8,6181 *n*
1810	32 59,711	− 2,3760	0,3682 *n*	9,9970 *n*	9,1244	8,5206 *n*	8,6181 *n*
1820	32 35,700	− 2,4262	0,3774 *n*	9,9969 *n*	9,1250	8,5296 *n*	8,6181 *n*
1830	32 11,188	− 2,4763	0,3865 *n*	9,9968 *n*	9,1256	8,5385 *n*	8,6181 *n*
1840	31 46,174	− 2,5265	0,3953 *n*	9,9966 *n*	9,1262	8,5472 *n*	8,6181 *n*
1850	31 20,659	− 2,5766	0,4040 *n*	9,9965 *n*	9,1269	8,5557 *n*	8,6181 *n*

ε Geminorum. g′ = 0,494

	Decl. med.	Var. ann.	Log. *a′*	Log. *b′*	Log. *c′*	Log. *d′*	Log. μ
1750	25° 21′ 4″,621	− 2″,4908	0,3966 *n*	9,9966 *n*	8,5111 *n*	7,7258 *n*	7,1271
1760	20 39,446	− 2,5442	0,4058 *n*	9,9965 *n*	8,5077 *n*	7,7349 *n*	7,1271
1770	20 13,738	− 2,5975	0,4148 *n*	9,9963 *n*	8,5042 *n*	7,7438 *n*	7,1271
1780	19 47,497	− 2,6508	0,4236 *n*	9,9962 *n*	8,5005 *n*	7,7525 *n*	7,1271
1790	19 20,723	− 2,7042	0,4323 *n*	9,9960 *n*	8,4967 *n*	7,7611 *n*	7,1271
1800	18 53,415	− 2,7575	0,4407 *n*	9,9959 *n*	8,4929 *u*	7,7694 *n*	7,1271
1810	18 25,574	− 2,8108	0,4490 *n*	9,9957 *n*	8,4891 *n*	7,7777 *n*	7,1271
1820	17 57,200	− 2,8641	0,4572 *n*	9,9955 *n*	8,4850 *n*	7,7857 *n*	7,1271
1830	17 28,293	− 2,9174	0,4652 *n*	9,9954 *n*	8,4808 *n*	7,7936 *n*	7,1271
1840	16 58,852	− 2,9708	0,4730 *n*	9,9952 *n*	8,4765 *n*	7,8013 *n*	7,1271
1850	16 28,878	− 3,0241	0,4807 *n*	9,9950 *n*	8,4722 *n*	7,8089 *n*	7,1271

Tabula XI. *continuata.*

Declinationes Stellarum in Specula Grenovicensi saepe observatarum.

ζ Geminorum. $g' = 0{,}508$

	Decl. med.	Var. ann.	Log. a'	Log. b'	Log. c'	Log. d'	Log. μ
1750	20° 54′ 41″,761	— 4″,2795	0,6314 *n*	9,9899 *n*	8,7552	8,8816 *n*	6,6785
1760	53 58,713	— 4,3301	0,6365 *n*	9,9896 *n*	8,7582	8,8865 *n*	6,6785
1770	53 15,160	— 4,3806	0,6416 *n*	9,9894 *n*	8,7613	8,8913 *n*	6,6785
1780	52 31,102	— 4,4311	0,6466 *n*	9,9891 *n*	8,7643	8,8961 *n*	6,6785
1790	51 46,539	— 4,4816	0,6515 *n*	9,9889 *n*	8,7674	8,9008 *n*	6,6785
1800	51 1,471	— 4,5321	0,6564 *n*	9,9886 *n*	8,7704	8,9054 *n*	6,6785
1810	50 15,898	— 4,5826	0,6612 *n*	9,9884 *n*	8,7735	8,9100 *n*	6,6785
1820	49 29,820	— 4,6331	0,6659 *n*	9,9881 *n*	8,7766	8,9145 *n*	6,6785
1830	48 43,237	— 4,6835	0,6706 *n*	9,9878 *n*	8,7797	8,9190 *n*	6,6785
1840	47 56,150	— 4,7340	0,6752 *n*	9,9876 *n*	8,7828	8,9234 *n*	6,6785
1850	47 8,557	— 4,7846	0,6798 *n*	9,9873 *n*	8,7859	8,9277 *n*	6,6785

γ Draconis. $g' = 0{,}967$

	Decl. med.	Var. ann.	Log. a'	Log. b'	Log. c'	Log. d'	Log. μ
1750	51° 31′ 44″,494	— 0″,8150	9,9056 *n*	9,9997	0,0222	8,4969 *n*	8,0389 *n*
1760	31 36,444	— 0,7948	9,8945 *n*	9,9997	0,0222	8,4858 *n*	8,0389 *n*
1770	31 28,597	— 0,7746	9,8831 *n*	9,9997	0,0222	8,4744 *n*	8,0389 *n*
1780	31 20,952	— 0,7544	9,8714 *n*	9,9997	0,0222	8,4627 *n*	8,0389 *n*
1790	31 13,510	— 0,7342	9,8593 *n*	9,9997	0,0222	8,4507 *n*	8,0389 *n*
1800	31 6,269	— 0,7339	9,8470 *n*	9,9997	0,0222	8,4383 *n*	8,0389 *n*
1810	30 59,231	— 0,7137	9,8342 *n*	9,9998	0,0222	8,4256 *n*	8,0389 *n*
1820	30 52,395	— 0,6935	9,8211 *n*	9,9998	0,0222	8,4125 *n*	8,0389 *n*
1830	30 45,761	— 0,6733	9,8076 *n*	9,9998	0,0222	8,3989 *n*	8,0389 *n*
1840	30 38,329	— 0,6530	9,7936 *n*	9,9998	0,0222	8,3850 *n*	8,0389 *n*
1850	30 33,100	— 0,6328	9,7691 *n*	9,9998	0,0222	8,3705 *n*	8,0389 *n*

Tabula XII.

Reductio observationum Solis.

J a n u a r i u s.

C	B	Mora transitus	Var. Saec.	Log. F	Tang.	Sec.	a	Log b	Radius disci	Var. Saec.	Parallaxis
					—		—	—			
0	1	2′ 22″,09	−0″,01	0,03758	0,426	1,087	0″,32	6,291	16′ 17″,31	−0″,04	
1	2	22,00	0,00	3732	0,425	1,086	0,35	6,290	17,31	−0,03	
2	3	21,91	0,00	3703	0,423	1,086	0,38	6,289	17,30	−0,02	
3	4	21,80	0,00	3673	0,421	1,085	0,41	6,288	17,28	−0,01	
4	5	21,69	0,00	3640	0,419	1,084	0,44	6,286	17,26	0,00	
5	6	21,57	0,00	3604	0,417	1,083	0,47	6,285	17,23	+0,01	
6	7	21,45	0,00	3566	0,414	1,082	0,51	6,283	17,20	+0,01	
7	8	21,31	0,00	3527	0,412	1,081	0,54	6,281	17,17	+0,02	
8	9	21,17	0,00	3485	0,409	1,080	0,57	6,279	17,13	+0,03	
9	10	21,02	+0,01	3442	0,406	1,079	0,60	6,277	17,08	+0,04	
10	11	20,87	+0,01	3397	0,403	1,078	0,63	6,275	17,03	+0,05	
11	12	20,71	+0,01	3350	0,400	1,077	0,66	6,272	16,97	+0,06	
12	13	20,54	+0,01	3301	0,396	1,076	0,69	6,269	16,91	+0,07	
13	14	20,36	+0,01	3250	0,393	1,075	0,71	6,266	16,85	+0,08	
14	15	20,18	+0,01	3197	0,390	1,074	0,74	6,263	16,78	+0,09	
15	16	20,00	+0,01	3143	0,386	1,073	0,77	6,260	16,70	+0,09	
16	17	19,81	+0,01	3087	0,382	1,071	0,80	6,257	16,62	+0,10	
17	18	19,62	+0,02	3029	0,378	1,070	0,82	6,254	16,53	+0,11	
18	19	19,42	+0,02	2972	0,374	1,068	0,85	6,251	16,44	+0,12	
19	20	19,21	+0,02	2913	0,370	1,067	0,88	6,247	16,35	+0,13	
20	21	19,00	+0,02	2853	0,366	1,065	0,91	6,243	16,25	+0,14	
21	22	18,79	+0,02	2791	0,362	1,064	0,93	6,239	16,14	+̊0,15	
22	23	18,58	+0,02	2729	0,357	1,062	0,96	6,235	16,04	+0,15	
23	24	18,36	+0,02	2666	0,353	1,061	0,98	6,231	15,92	+0,16	
24	25	18,14	+,002	2602	0,348	1,059	1,01	6,226	15,80	+0,17	
25	26	17,92	+0,03	2537	0,343	1,058	1,03	6,221	15,68	+0,18	
26	27	17,69	+0,03	2472	0,338	1,056	1,05	6,216	15,55	+0,19	
27	28	17,47	+0,03	2406	0,333	1,054	1,08	6,211	15,42	+0,20	
28	29	17,24	+0,03	2340	0,328	1,052	1,10	6,206	15,28	+0,20	
29	30	17,01	+0,03	2274	0,323	1,051	1,12	6,200	15,14	+0,21	
30	31	16,78	+0,03	2207	0,318	1,049	1,14	6,194	15,00	+0,22	
31	32	16,55	+0,03	2140	0,313	1,048	1,16	6,188	14,85	+0,23	
32		16,32	+0,03	2074	0,507	1,046	1,19	6,182	14,69	+0,23	

Tabula XII. *continuata.*

Reductio observationum Solis.

Februarius.

C	*B*	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parall-axis
					—		—	—			
0	1	2' 16",55	+0",03	0,02140	0,313	1,048	1",16	6,188	16' 14",85	+0",23	
1	2	16,32	+0,03	2074	0,307	1,046	1,19	6,182	14,69	+0,23	
2	3	16,08	+0,03	2007	0,302	1,045	1,21	6,176	14,54	+0,24	
3	4	15,85	+0,03	1940	0,296	1,043	1,23	6,169	14,37	+0,25	
4	5	15,62	+0,04	1874	0,290	1,042	1,24	6,162	14,21	+0,26	
5	6	15,39	+0,04	1808	0,284	1,040	1,26	6,154	14,04	+0,26	
6	7	15,16	+0,04	1742	0,279	1,039	1,28	6,147	13,86	+0,27	
7	8	14,93	+0,04	1676	0,273	1,037	1,30	6,139	13,68	+0,28	
8	9	14,71	+0,04	1611	0,267	1,035	1,32	6,131	13,50	+0,29	
9	10	14,48	+0,04	1547	0,261	1,033	1,34	6,122	13,32	+0,29	
10	11	14,26	+0,04	1483	0,255	1,032	1,35	6,113	13,13	+0,30	
11	12	14,04	+0,04	1420	0,249	1,030	1,37	6,104	12,93	+0,31	
12	13	13,82	+0,04	1358	0,243	1,029	1,38	6,094	12,74	+0,31	
13	14	13,60	+0,04	1297	0,236	1,028	1,40	6,084	12,54	+0,32	
14	15	13,39	+0,04	1237	0,230	1,027	1,41	6,074	12,33	+0,33	
15	16	13,18	+0,05	1178	0,224	1,025	1,43	6,063	12,13	+0,33	
16	17	12,97	+0,05	1119	0,218	1,024	1,44	6,052	11,92	+0,34	
17	18	12,77	+0,05	1062	0,211	1,022	1,46	6,040	11,70	+0,35	
18	19	12,57	+0,05	1006	0,205	1,020	1,47	6,028	11,49	+0,35	
19	20	12,37	+0,05	952	0,198	1,019	1,48	6,015	11,27	+0,36	
20	21	12,18	+0,05	899	0,192	1,018	1,49	6,001	11,04	+0,36	
21	22	11,99	+0,05	847	0,185	1,017	1,50	5,987	10,82	+0,37	
22	23	11,81	+0,05	796	0,179	1,016	1,51	5,972	10,59	+0,37	
23	24	11,63	+0,05	747	0,172	1,015	1,52	5,957	10,36	+0,38	
24	25	11,45	+0,05	700	0,166	1,014	1,53	5,941	10,13	+0,38	
25	26	11,28	+0,05	654	0,159	1,013	1,54	5,924	9,99	+0,39	
26	27	11,11	+0,05	610	0,153	1,012	1,55	5,906	9,65	+0,40	
27	28	10,95	+0,05	567	0,146	1,011	1,56	5,887	9,41	+0,40	
28	29	10,80	+0,05	526	0,139	1,010	1,57	5,867	9,16	+0,40	
29	30	10,65	+0,06	487	0,132	1,009	1,58	5,847	8,92	+0,41	

Tabula XII. *continuata.*

Reductio observationum Solis.

Martius.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parallaxis
				∓		—	∓			
0	2′ 10″,80	+ 0″,06	0,00526	0,139	1,010	1″,57	5,867	16′ 9″,16	+ 0″,40	
1	10,65	+ 0,06	487	0,132	1,009	1,58	5,847	8,92	+ 0,41	
2	10,50	+ 0,06	449	0,126	1,008	1,58	5,825	8,67	+ 0,41	
3	10,36	+ 0,06	413	0,119	1,007	1,59	5,802	8,42	+ 0,42	
4	10,22	+ 0,06	380	0,112	1,006	1,60	5,777	8,16	+ 0,42	
5	10,10	+ 0,06	349	0,105	1,005	1,60	5,750	7,91	+ 0,43	
6	9,97	+ 0,06	319	0,098	1,004	1,61	5,722	7,65	+ 0,43	
7	9,85	+ 0,06	291	0,091	1,004	1,61	5,692	7,39	+ 0,43	
8	9,74	+ 0,06	265	0,084	1,003	1,62	5,659	7,13	+ 0,44	
9	9,63	+ 0,06	241	0,077	1,003	1,62	5,621	6,87	+ 0,44	
10	9,53	+ 0,06	219	0,071	1,002	1,63	5,584	6,61	+ 0,44	
11	9,43	+ 0,06	198	0,064	1,002	1,63	5,540	6,34	+ 0,45	
12	9,35	+ 0,06	180	0,057	1,001	1,63	5,489	6,08	+ 0,45	
13	9,26	+ 0,06	164	0,050	1,001	1,64	5,432	5,81	+ 0,45	
14	9,18	+ 0,06	150	0,043	1,001	1,64	5,368	5,54	+ 0,46	
15	9,11	+ 0,06	138	0,036	1,001	1,64	5,292	5,27	+ 0,46	
16	9,05	+ 0,06	128	0,029	1,000	1,64	5,200	5,00	+ 0,46	
17	8,99	+ 0,06	121	0,022	1,000	1,64	5,084	4,73	+ 0,46	
18	8,93	+ 0,06	115	0,016	1,000	1,64	4,924	4,45	+ 0,47	
19	8,89	+ 0,06	111	0,009	1,000	1,64	4,668	4,18	+ 0,47	
20	8,84	+ 0,06	110	0,003	1,000	1,64	3,964	3,90	+ 0,47	
21	8,81	+ 0,06	110	0,004	1,000	1,64	4,450	3,63	+ 0,47	
22	8,78	+ 0,06	113	0,012	1,000	1,64	4,816	3,35	+ 0,47	
23	8,76	+ 0,06	117	0,019	1,000	1,63	5,011	3,07	+ 0,48	
24	8,74	+ 0,06	124	0,026	1,000	1,63	5,146	2,80	+ 0,48	
25	8,73	+ 0,06	132	0,033	1,001	1,63	5,248	2,52	+ 0,48	
26	8,72	+ 0,06	143	0,040	1,001	1,63	5,330	2,24	+ 0,48	
27	8,72	+ 0,06	156	0,047	1,001	1,62	5,399	1,96	+ 0,48	
28	8,73	+ 0,06	171	0,054	1,001	1,62	5,459	1,69	+ 0,48	
29	8,74	+ 0,06	188	0,060	1,002	1,62	5,511	1,41	+ 0,48	
30	8,76	+ 0,06	206	0,067	1,002	1,61	5,557	1,13	+ 0,48	
31	8,79	+ 0,06	227	0,074	1,003	1,61	5,599	0,85	+ 0,48	
32	8,82	+ 0,06	250	0,081	1,003	1,60	5,637	0,58	+ 0,48	

Tabula XII. *continuata.*

Reductio observationum Solis.

A p r i l i s.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parall-axis
				+		—	+			
0	2′ 8″,79	+ 0″,06	0,00227	0,074	1,003	1″,61	5,599	16′ 0″,85	+ 0″,48	
1	8,82	+ 0,06	250	0,081	1,003	1,60	5,637	0,58	+ 0,48	
2	8,85	+ 0,06	275	0,087	1,004	1,59	5,672	0,30	+ 0,48	
3	8,89	+ 0,06	300	0,094	1,005	1,59	5,704	0,02	+ 0,48	
4	8,94	+ 0,06	329	0,101	1,005	1,58	5,733	15 59,75	+ 0,48	
5	8,98	+ 0,06	359	0,108	1,006	1,57	5,761	59,47	+ 0,48	
6	9,05	+ 0,06	391	0,114	1,006	1,57	5,786	59,20	+ 0,48	
7	9,11	+ 0,06	424	0,121	1,007	1,56	5,810	58,92	+ 0,48	
8	9,18	+ 0,06	459	0,128	1,008	1,55	5,833	58,65	+ 0,48	
9	9,25	+ 0,06	496	0,135	1,009	1,54	5,854	58,38	+ 0,48	
10	9,43	+ 0,06	535	0,141	1,010	1,53	5,874	58,10	+ 0,48	
11	9,41	+ 0,06	575	0,148	1,011	1,52	5,892	57,83	+ 0,48	
12	9,53	+ 0,06	617	0,154	1,012	1,51	5,909	57,56	+ 0,48	
13	9,60	+ 0,06	660	0,161	1,013	1,50	5,925	57,30	+ 0,47	
14	9,69	+ 0,06	705	0,167	1,014	1,49	5,941	57,03	+ 0,47	
15	9,80	+ 0,06	752	0,174	1,015	1,48	5,956	56,76	+ 0,47	
16	9,90	+ 0,06	799	0,180	1,016	1,47	5,972	56,50	+ 0,47	
17	10,01	+ 0,06	848	0,186	1,017	1,46	5,987	56,24	+ 0,47	
18	10,13	+ 0,06	899	0,192	1,018	1,45	6,002	55,98	+ 0,46	
19	10,25	+ 0,06	950	0,199	1,019	1,43	6,015	55,72	+ 0,46	
20	10,37	+ 0,06	1003	0,205	1,020	1,42	6,027	55,46	+ 0,46	
21	10,50	+ 0,06	1057	0,211	1,021	1,40	6,039	55,21	+ 0,46	
22	10,63	+ 0,06	1112	0,217	1,023	1,39	6,051	54,95	+ 0,46	
23	10,76	+ 0,06	1168	0,223	1,024	1,38	6,061	54,70	+ 0,45	
24	10,90	+ 0,06	1224	0,229	1,026	1,36	6,071	54,45	+ 0,45	
25	11,03	+ 0,06	1282	0,235	1,027	1,35	6,082	54,20	+ 0,45	
26	11,18	+ 0,06	1341	0,241	1,029	1,34	6,092	53,95	+ 0,44	
27	11,33	+ 0,06	1400	0,247	1,030	1,32	6,101	53,71	+ 0,44	
28	11,48	+ 0,06	1460	0,253	1,032	1,30	6,110	53,47	+ 0,44	
29	11,63	+ 0,06	1521	0,259	1,033	1,29	6,119	53,23	+ 0,43	
30	11,78	+ 0,06	1583	0,264	1,034	1,27	6,127	52,99	+ 0,43	
31	11,94	+ 0,06	1644	0,270	1,036	1,25	6,135	52,76	+ 0,43	

Tabula XII. *continuata.*

Reductio observationum Solis.

M a j u s.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parallaxis
	′ ″	″		+		— ″	+	′ ″	″	
0	2 11,78	+ 0,06	0,01583	0,264	1,034	1,27	6,127	15 52,99	+ 0,43	
1	11,94	+ 0,06	1644	0,270	1,036	1,25	6,135	52,76	+ 0,43	
2	12,09	+ 0,06	1707	0,276	1,037	1,24	6,143	52,53	+ 0,42	
3	12,25	+ 0,06	1769	0,282	1,038	1,22	6,150	52,30	+ 0,42	
4	12,41	+ 0,06	1832	0,287	1,040	1,20	6,158	52,07	+ 0,41	
5	12,58	+ 0,06	1895	0,293	1,041	1,18	6,164	51,85	+ 0,41	
6	12,74	+ 0,06	1959	0,298	1,043	1,16	6,171	51,63	+ 0,41	
7	12,90	+ 0,06	2022	0,303	1,044	1,14	6,177	51,41	+ 0,40	
8	13,07	+ 0,06	2086	0,308	1,046	1,12	6,184	51,20	+ 0,40	
9	13,26	+ 0,05	2150	0,313	1,047	1,10	6,189	50,98	+ 0,39	
10	13,40	+ 0,05	2213	0,318	1,049	1,08	6,195	50,77	+ 0,39	
11	13,56	+ 0,05	2276	0,323	1,051	1,06	6,200	50,57	+ 0,38	
12	13,73	+ 0,05	2339	0,328	1,053	1,04	6,206	50,36	+ 0,38	
13	13,89	+ 0,05	2402	0,333	1,054	1,02	6,211	50,16	+ 0,37	
14	14,06	+ 0,05	2464	0,338	1,055	1,00	6,216	49,97	+ 0,37	
15	14,22	+ 0,05	2526	0,343	1,057	0,98	6,220	49,77	+ 0,36	
16	14,38	+ 0,05	2587	0,347	1,058	0,96	6,225	49,58	+ 0,36	
17	14,54	+ 0,05	2647	0,352	1,059	0,93	6,229	49,40	+ 0,35	
18	14,70	+ 0,05	2707	0,356	1,061	0,91	6,233	49,21	+ 0,35	
19	14,86	+ 0,05	2766	0,360	1,063	0,89	6,238	49,03	+ 0,34	
20	15,01	+ 0,05	2824	0,364	1,064	0,86	6,242	48,86	+ 0,33	
21	15,17	+ 0,05	2882	0,368	1,065	0,84	6,245	48,68	+ 0,33	
22	15,32	+ 0,05	2938	0,372	1,067	0,82	6,248	48,51	+ 0,32	
23	15,47	+ 0,05	2993	0,376	1,068	0,79	6,252	48,35	+ 0,32	
24	15,61	+ 0,04	3047	0,380	1,070	0,77	6,255	48,19	+ 0,31	
25	15,76	+ 0,04	3100	0,384	1,071	0,74	6,258	48,03	+ 0,31	
26	15,90	+ 0,04	3152	0,387	1,072	0,72	6,261	47,87	+ 0,30	
27	16,03	+ 0,04	3202	0,390	1,073	0,69	6,264	47,72	+ 0,29	
28	16,16	+ 0,04	3251	0,394	1,075	0,67	6,267	47,57	+ 0,29	
29	16,29	+ 0,04	3299	0,397	1,076	0,64	6,269	47,43	+ 0,28	
30	16,42	+ 0,04	3345	0,400	1,077	0,62	6,272	47,29	+ 0,27	
31	16,54	+ 0,04	3389	0,403	1,078	0,59	6,274	47,15	+ 0,27	
32	16,65	+ 0,04	3432	0,406	1,079	0,56	6,276	47,02	+ 0,26	

Tabula XII. *continuata.*

Reductio observationum Solis.

Junius.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parallaxis
				+		∓	+			
0	2′ 16″,54	+ 0″,04	0,03389	0,403	1,078	0,59	6,274	15′ 47″,15	+ 0″,27	
1	16,65	+ 0,04	3432	0,406	1,079	0,56	6,276	47,02	+ 0,26	
2	16,76	+ 0,04	3473	0,409	1,080	0,54	6,278	46,89	+ 0,26	
3	16,87	+ 0,04	3512	0,412	1,081	0,51	6,280	46,77	+ 0,25	
4	16,97	+ 0,03	3550	0,414	1,082	0,48	6,282	46,65	+ 0,24	
5	17,07	+ 0,03	3585	0,416	1,083	0,45	6,284	46,53	+ 0,23	
6	17,16	+ 0,03	3619	0,418	1,084	0,43	6,285	46,42	+ 0,23	
7	17,24	+ 0,03	3651	0,420	1,085	0,40	6,287	46,32	+ 0,22	
8	17,32	+ 0,03	3681	0,422	1,085	0,37	6,288	46,21	+ 0,21	
9	17,39	+ 0,03	3708	0,424	1,086	0,34	6,290	46,11	+ 0,21	
10	17,46	+ 0,03	3734	0,426	1,086	0,32	6,291	46,02	+ 0,20	
11	17,52	+ 0,03	3758	0,427	1,087	0,29	6,292	45,93	+ 0,19	
12	17,58	+ 0,03	3779	0,428	1,087	0,26	6,293	45,84	+ 0,18	
13	17,63	+ 0,03	3799	0,429	1,088	0,23	6,294	45,76	+ 0,18	
14	17,67	+ 0,02	3816	0,430	1,088	0,20	6,294	45,68	+ 0,17	
15	17,71	+ 0,02	3831	0,431	1,089	0,18	6,295	45,61	+ 0,16	
16	17,74	+ 0,02	3844	0,4[illegible]	1,090	0,15	6,295	45,54	+ 0,16	
17	17,76	+ 0,02	3855	0,433	1,090	0,12	6,296	45,47	+ 0,15	
18	17,78	+ 0,02	3863	0,433	1,050	0,09	6,296	45,41	+ 0,14	
19	17,79	+ 0,02	3869	0,433	1,090	0,06	6,297	45,36	+ 0,13	
20	17,80	+ 0,02	3873	0,434	1,090	0,03	6,297	45,31	+ 0,13	
21	17,79	+ 0,02	3874	0,434	1,090	0,00	6,297	45,26	+ 0,12	
22	17,78	+ 0,02	3873	0,434	1,090	0,02	6,297	45,22	+ 0,11	
23	17,77	+ 0,01	3870	0,434	1,090	0,05	6,297	45,18	+ 0,10	
24	17,75	+ 0,01	3865	0,434	1,090	0,08	6,296	45,14	+ 0,10	
25	17,72	+ 0,01	3857	0,433	1,090	0,11	6,296	45,11	+ 0,09	
26	17,68	+ 0,01	3847	0,433	1,090	0,14	6,296	45,09	+ 0,08	
27	17,64	+ 0,01	3835	0,432	1,089	0,17	6,295	45,07	+ 0,07	
28	17,59	+ 0,01	3821	0,431	1,089	0,20	6,294	45,05	+ 0,06	
29	17,54	+ 0,01	3804	0,430	1,088	0,22	6,294	45,04	+ 0,06	
30	17,48	+ 0,01	3785	0,429	1,088	0,25	6,293	45,03	+ 0,05	
31	17,41	+ 0,01	3764	0,428	1,087	0,28	6,292	45,03	+ 0,04	

Tabula XII. *continuata.*

Reductio observationum Solis.

J u l i u s.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parallaxis
				+		+	+			
0	2' 17,48"	+ 0,01"	0,03785	0,429	1,088	0,25"	6,293	15' 45,03"	+ 0,05"	
1	17,41	+ 0,01	3764	0,428	1,087	0,28	6,292	45,03	+ 0,04	
2	17,34	0,00	3741	0,426	1,086	0,31	6,291	45,03	+ 0,03	
3	17,26	0,00	3716	0,424	1,086	0,34	6,290	45,04	+ 0,03	
4	17,18	0,00	3689	0,422	1,085	0,36	6,288	45,05	+ 0,02	
5	17,09	0,00	3660	0,420	1,084	0,39	6,287	45,06	+ 0,01	
6	16,99	0,00	3629	0,418	1,083	0,42	6,286	45,08	0,00	
7	16,89	0,00	3596	0,416	1,083	0,45	6,284	45,11	— 0,01	
8	16,79	0,00	3561	0,414	1,082	0,47	6,283	45,14	— 0,01	
9	16,67	0,00	3524	0,412	1,081	0,50	6,281	45,17	— 0,02	
10	16,56	0,00	3485	0,409	1,080	0,52	6,279	45,21	— 0,03	
11	16,44	— 0,01	3445	0,407	1,079	0,55	6,277	45,25	— 0,04	
12	16,31	— 0,01	3403	0,404	1,078	0,58	6,275	45,29	— 0,04	
13	16,18	— 0,01	3359	0,401	1,077	0,60	6,272	45,34	— 0,05	
14	16,05	— 0,01	3314	0,398	1,076	0,63	6,270	45,40	— 0,06	
15	15,91	— 0,01	3267	0,395	1,075	0,66	6,268	45,46	— 0,07	
16	15,77	— 0,01	3219	0,392	1,074	0,68	6,265	45,52	— 0,08	
17	15,62	— 0,01	3169	0,388	1,073	0,71	6,262	45,59	— 0,08	
18	15,48	— 0,01	3119	0,385	1,072	0,73	6,259	45,66	— 0,09	
19	15,32	— 0,01	3066	0,381	1,070	0,76	6,256	45,74	— 0,10	
20	15,17	— 0,02	3013	0,378	1,069	0,78	6,253	45,82	— 0,11	
21	15,01	— 0,02	2958	0,374	1,068	0,80	6,250	45,91	— 0,11	
22	14,85	— 0,02	2903	0,370	1,067	0,83	6,246	46,00	— 0,12	
23	14,69	— 0,02	2846	0,366	1,065	0,85	6,243	46,09	— 0,13	
24	14,52	— 0,02	2789	0,362	1,064	0,87	6,239	46,19	— 0,14	
25	14,36	— 0,02	2730	0,358	1,062	0,90	6,234	46,29	— 0,14	
26	14,19	— 0,02	2671	0,354	1,061	0,92	6,230	46,40	— 0,15	
27	14,02	— 0,02	2611	0,349	1,059	0,94	6,226	46,51	— 0,16	
28	13,85	— 0,02	2550	0,345	1,058	0,96	6,222	46,62	— 0,17	
29	13,68	— 0,02	2489	0,340	1,056	0,98	6,217	46,74	— 0,17	
30	13,51	— 0,03	2428	0,335	1,055	1,00	6,213	46,86	— 0,18	
31	13,33	— 0,03	2366	0,330	1,053	1,03	6,208	46,99	— 0,19	
32	13,16	— 0,03	2303	0,325	1,052	1,05	6,203	47,12	— 0,20	

Tabula XII. *continuata.*

Reductio observationum Solis.

Augustus.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parallaxis
				+		+	+			
0	2′ 13″,33	— 0″,03	0,02366	0,330	1,053	1″,03	6,208	15′ 46″,99	— 0″,19	
1	13,16	— 0,03	2303	0,325	1,052	1,05	6,203	47,12	— 0,20	
2	12,99	— 0,03	2241	0,320	1,050	1,07	6,197	47,25	— 0,20	
3	12,82	— 0,03	2178	0,315	1,049	1,09	6,192	47,39	— 0,21	
4	12,64	— 0,03	2115	0,310	1,047	1,11	6,186	47,54	— 0,22	
5	12,47	— 0,03	2052	0,305	1,046	1,13	6,180	47,68	— 0,22	
6	12,30	— 0,03	1989	0,300	1,044	1,14	6,174	47,83	— 0,23	
7	12,13	— 0,03	1926	0,295	1,043	1,16	6,167	47,99	— 0,24	
8	11,96	— 0,03	1863	0,289	1,041	1,18	6,161	48,14	— 0,24	
9	11,79	— 0,03	1800	0,284	1,040	1,20	6,154	48,31	— 0,25	
10	11,63	— 0,04	1738	0,278	1,038	1,22	6,147	48,47	— 0,26	
11	11,46	— 0,04	1676	0,273	1,037	1,23	6,140	48,64	— 0,26	
12	11,30	— 0,04	1614	0,267	1,035	1,25	6,132	48,81	— 0,27	
13	11,14	— 0,04	1552	0,262	1,034	1,27	6,124	48,99	— 0,28	
14	10,98	— 0,04	1491	0,256	1,032	1,28	6,115	49,17	— 0,28	
15	10,82	— 0,04	1432	0,250	1,031	1,30	6,106	49,35	— 0,29	
16	10,67	— 0,04	1373	0,244	1,029	1,31	6,097	49,54	— 0,30	
17	10,52	— 0,04	1315	0,239	1,028	1,33	6,088	49,73	— 0,30	
18	10,38	— 0,04	1257	0,233	1,027	1,34	6,078	49,92	— 0,31	
19	10,23	— 0,04	1200	0,227	1,026	1,36	6,068	50,11	— 0,32	
20	10,09	— 0,04	1144	0,221	1,024	1,37	6,057	50,31	— 0,32	
21	9,95	— 0,04	1089	0,215	1,023	1,38	6,046	50,52	— 0,33	
22	9,82	— 0,05	1035	0,209	1,022	1,40	6,034	50,72	— 0,33	
23	9,69	— 0,05	982	0,203	1,021	1,41	6,022	50,93	— 0,34	
24	9,56	— 0,05	930	0,196	1,019	1,42	6,010	51,14	— 0,34	
25	9,44	— 0,05	880	0,190	1,018	1,44	5,997	51,36	— 0,35	
26	9,33	— 0,05	830	0,184	1,017	1,45	5,984	51,57	— 0,36	
27	9,21	— 0,05	782	0,178	1,016	1,46	5,970	51,79	— 0,36	
28	9,10	— 0,05	736	0,171	1,015	1,47	5,955	52,02	— 0,37	
29	9,00	— 0,05	690	0,165	1,013	1,48	5,939	52,24	— 0,37	
30	8,90	— 0,05	646	0,158	1,012	1,49	5,923	52,47	— 0,38	
31	8,81	— 0,05	604	0,152	1,011	1,50	5,905	52,70	— 0,38	
32	8,72	— 0,05	563	0,145	1,010	1,51	5,887	52,94	— 0,39	

Tabula XII. *continuata.*

Reductio observationum Solis.

September.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parall-axis
				±		+	±			
0	2′ 8″,81	—0″,05	0,00604	0,152	1,011	1″,50	5,905	15′ 52″,70	—0″,38	
1	8,72	—0,05	563	0,145	1,010	1,51	5,887	52,94	—0,39	
2	8,63	—0,05	524	0,139	1,009	1,52	5,868	53,17	—0,39	
3	8,55	—0,05	486	0,132	1,008	1,53	5,848	53,41	—0,40	
4	8,48	—0,05	450	0,126	1,007	1,54	5,826	53,65	—0,40	
5	8,41	—0,05	415	0,119	1,007	1,54	5,804	53,89	—0,41	
6	8,34	—0,06	382	0,113	1,006	1,55	5,780	54,14	—0,41	
7	8,23	—0,06	351	0,106	1,005	1,56	5,755	54,39	—0,41	
8	8,23	—0,06	322	0,100	1,004	1,56	5,727	54,64	—0,42	
9	8,18	—0,06	294	0,093	1,004	1,57	5,697	54,89	—0,42	
10	8,14	—0,06	268	0,087	1,003	1,58	5,666	55,14	—0,43	
11	8,10	—0,06	245	0,080	1,003	1,58	5,632	55,40	—0,43	
12	8,07	—0,06	222	0,073	1,002	1,59	5,594	55,65	—0,43	
13	8,05	—0,06	202	0,066	1,002	1,59	5,551	55,91	—0,44	
14	8,03	—0,06	184	0,060	1,002	1,60	5,504	56,17	—0,44	
15	8,02	—0,06	168	0,053	1,001	1,60	5,452	56,43	—0,44	
16	8,01	—0,06	153	0,046	1,001	1,61	5,393	56,70	—0,45	
17	8,01	—0,06	141	0,039	1,001	1,61	5,323	56,96	—0,45	
18	8,01	—0,06	131	0,032	1,000	1,61	5,240	57,23	—0,45	
19	8,03	—0,06	122	0,025	1,000	1,61	5,136	57,50	—0,46	
20	8,04	—0,06	116	0,018	1,000	1,62	5,001	57,77	—0,46	
21	8,07	—0,06	111	0,011	1,000	1,62	4,801	58,04	—0,46	
22	8,09	—0,06	109	0,004	1,000	1,62	4.421	58,31	—0,46	
23	8,13	—0,06	109	0,003	1,000	1,62	4,025	58,58	—0,47	
24	8,17	—0,06	110	0,010	1,000	1,62	4,677	58,85	—0,47	
25	8,22	—0,06	114	0,016	1,000	1,62	4,927	59,13	—0,47	
26	8,27	—0,06	119	0,023	1,000	1,62	5,084	59,40	—0,47	
27	8,33	—0,06	127	0,030	1,000	1,62	5,199	59,68	—0,47	
28	8,40	—0,06	137	0,037	1,001	1,62	5,290	59,95	—0,48	
29	8,47	—0,06	149	0,043	1,001	1,62	5,366	16 0,23	—0,48	
30	8,55	—0,06	162	0,050	1,001	1,62	5,428	0,51	—0,48	
31	8,63	—0,06	178	0,057	1,002	1,61	5,484	0,78	—0,48	

Tabula XII. *continuata.*

Reductio observationum Solis.

October.

	Mora transitus	Var. Saec.	Log. F	Tang.	Sec.	a	Log b	Radius disci	Var. Saec.	Parallaxis
				—		+	—			
0	2′ 8″,55	— 0″,06	0,00162	0,050	1,001	1″,62	5,428	16′ 0″,51	— 0″,48	
1	8,63	— 0,06	178	0,057	1,002	1,61	5,484	0,78	— 0,48	
2	8,72	— 0,06	196	0,064	1,002	1,61	5,533	1,06	— 0,48	
3	8,82	— 0,06	216	0,070	1,002	1,61	5,578	1,34	— 0,48	
4	8,91	— 0,06	237	0,077	1,003	1,61	5,618	1,62	— 0,48	
5	9,03	— 0,07	261	0,084	1,003	1,60	5,655	1,89	— 0,48	
6	9,14	— 0,07	287	0,091	1,004	1,60	5,688	2,17	— 0,48	
7	9,26	— 0,07	314	0,097	1,005	1,59	5,718	2,45	— 0,49	
8	9,38	— 0,07	344	0,104	1,005	1,58	5,749	2,73	— 0,49	
9	9,51	— 0,07	375	0,111	1,006	1,58	5,779	3,00	— 0,49	
10	9,65	— 0,07	408	0,118	1,007	1,57	5,801	3,28	— 0,49	
11	9,79	— 0,07	443	0,124	1,008	1,57	5,822	3,56	— 0,49	
12	9,94	— 0,07	480	0,131	1,009	1,56	5,844	3,83	— 0,49	
13	10,09	— 0,07	518	0,138	1,009	1,55	5,865	4,11	— 0,48	
14	10,25	— 0,07	558	0,145	1,010	1,55	5,884	4,38	— 0,48	
15	10,41	— 0,07	600	0,151	1,011	1,54	5,903	4,66	— 0,48	
16	10,58	— 0,07	644	0,158	1,012	1,53	5,921	4,93	— 0,48	
17	10,75	— 0,07	689	0,164	1,013	1,52	5,938	5,20	— 0,48	
18	10,93	— 0,07	736	0,171	1,015	1,51	5,954	5,47	— 0,48	
19	11,11	— 0,06	784	0,177	1,016	1,50	5,969	5,74	— 0,48	
20	11,30	— 0,06	833	0,184	1,017	1,49	5,984	6,01	— 0,48	
21	11,49	— 0,06	884	0,190	1,018	1,48	5,998	6,28	— 0,48	
22	11,68	— 0,06	937	0,197	1,019	1,47	6,011	6,54	— 0,47	
23	11,88	— 0,06	991	0,203	1,020	1,46	6,024	6,80	— 0,47	
24	12,08	— 0,06	1045	0,210	1,022	1,44	6,036	7,07	— 0,47	
25	12,29	— 0,06	1101	0,216	1,023	1,43	6,048	[illegible],33	— 0,47	
26	12,50	— 0,06	1159	0,222	1,025	1,42	6,059	[illegible],59	— 0,47	
27	12,71	— 0,06	1217	0,228	1,026	1,41	6,070	[illegible],84	— 0,46	
28	12,93	— 0,06	1277	0,235	1,027	1,39	6,081	8,10	— 0,46	
29	13,15	— 0,06	1337	0,241	1,028	1,38	6,091	8,35	— 0,46	
30	13,37	— 0,06	1398	0,247	1,030	1,36	6,101	8,61	— 0,45	
31	13,60	— 0,06	1460	0,253	1,031	1,35	6,110	8,85	— 0,45	
32	13,83	— 0,06	1523	0,259	1,032	1,33	6,119	9,10	— 0,45	

Tabula XII. *continuata.*

Reductio observationum Solis.

November.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parall-axis
				—		+	—			
0	2′ 13″,60	—0″,06	0,01460	0,253	1,031	1,35	6,110	16′ 8″,85	—0″,45	
1	13,83	—0,06	1523	0,259	1,032	1,33	6,119	9,10	—0,45	
2	14,05	—0,06	1586	0,265	1,034	1,31	6,128	9,35	—0,44	
3	14,28	—0,06	1651	0,271	1,035	1,30	6,136	9,59	—0,44	
4	14,52	—0,06	1715	0,276	1,037	1,28	6,144	9,83	—0,44	
5	14,75	—0,06	1781	0,282	1,038	1,26	6,152	10,07	—0,43	
6	14,99	—0,06	1846	0,288	1,040	1,24	6,159	10,30	—0,43	
7	15,23	—0,06	1912	0,294	1,042	1,22	6,166	10,53	—0,43	
8	15,47	—0,06	1978	0,299	1,044	1,21	6,173	10,76	—0,42	
9	15,71	—0,06	2044	0,305	1,045	1,19	6,179	10,99	—0,42	
10	15,94	—0,06	2111	0,310	1,047	1,16	6,185	11,21	—0,41	
11	16,18	—0,06	2177	0,315	1,048	1,14	6,191	11,43	—0,41	
12	16,42	—0,06	2243	0,320	1,050	1,12	6,197	11,65	—0,40	
13	16,66	—0,06	2310	0,325	1,051	1,10	6,203	11,86	—0,40	
14	16,90	—0,06	2375	0,330	1,053	1,08	6,208	12,08	—0,39	
15	17,13	—0,05	2441	0,335	1,054	1,06	6,214	12,28	—0,39	
16	17,37	—0,05	2506	0,340	1,056	1,03	6,219	12,49	—0,38	
17	17,60	—0,05	2570	0,345	1,057	1,01	6,224	12,69	—0,38	
18	17,83	—0,05	2634	0,350	1,059	0,99	6,228	12,89	—0,37	
19	18,06	—0,05	2697	0,355	1,061	0,96	6,233	13,08	—0,37	
20	18,28	—0,05	2760	0,359	1,063	0,94	6,237	13,27	—0,36	
21	18,51	—0,05	2821	0,364	1,064	0,91	6,241	13,46	—0,35	
22	18,73	—0,05	2882	0,368	1,065	0,89	6,245	13,64	—0,35	
23	18,94	—0,05	2941	0,372	1,066	0,86	6,249	13,82	—0,34	
24	19,15	—0,05	3000	0,376	1,068	0,84	6,252	13,99	—0,33	
25	19,36	[illegible]	[illegible]	0,380	1,069	0,81	6,256	14,17	—0,33	
26	19,56	[illegible]	[illegible]	0,384	1,071	0,78	6,259	14,33	—0,32	
27	19,76	[illegible]	[illegible]	0,388	1,072	0,75	6,262	14,50	—0,32	
28	19,96	[illegible]	[illegible]	0,391	1,074	0,73	6,265	14,66	—0,31	
29	20,15	—0,04	[illegible]	0,395	1,075	0,70	6,268	14,81	—0,30	
30	20,33	—0,04	3322	0,398	1,076	0,67	6,270	14,94	—0,29	
31	20,50	—0,04	3370	0,401	1,077	0,64	6,273	15,11	—0,29	

Tabula XII. *continuata.*

Reductio observationum Solis.

December.

	Mora transitus	Var. Saec.	Log. *F*	Tang.	Sec.	*a*	Log *b*	Radius disci	Var. Saec.	Parallaxis
				—		±	—			
0	2′ 20″,33	— 0″,04	0,03322	0,398	1,076	0″,67	6,270	16′ 14″,94	— 0″,29	
1	20,50	— 0,04	3370	0,401	1,077	0,64	6,273	15,11	— 0,29	
2	20,68	— 0,04	3417	0,404	1,079	0,61	6,275	15,25	— 0,28	
3	20,84	— 0,04	3461	0,407	1,080	0,58	6,277	15,39	— 0,27	
4	21,00	— 0,04	3504	0,410	1,081	0,55	6,279	15,52	— 0,27	
5	21,15	— 0,04	3544	0,413	1,082	0,52	6,281	15,65	— 0,26	
6	21,29	— 0,04	3583	0,415	1,083	0,49	6,283	15,77	— 0,25	
7	21,43	— 0,04	3619	0,417	1,084	0,46	6,285	15,89	— 0,24	
8	21,56	— 0,03	3654	0,419	1,085	0,43	6,287	16,01	— 0,24	
9	21,68	— 0,03	3686	0,421	1,086	0,40	6,289	16,12	— 0,23	
10	21,79	— 0,03	3715	0,423	1,086	0,37	6,290	16,22	— 0,22	
11	21,89	— 0,03	3743	0,425	1,087	0,34	6,291	16,33	— 0,21	
12	21,99	— 0,03	3768	0,427	1,087	0,30	6,292	16,42	— 0,20	
13	22,08	— 0,03	3791	0,429	1,088	0,27	6,293	16,51	— 0,20	
14	22,16	— 0,03	3811	0,430	1,088	0,24	6,294	16,60	— 0,19	
15	22,23	— 0,03	3829	0,431	1,089	0,21	6,295	16,68	— 0,18	
16	22,29	— 0,02	3844	0,432	1,089	0,18	6,295	16,76	— 0,17	
17	22,34	— 0,02	3857	0,433	1,090	0,14	6,296	16,83	— 0,16	
18	22,38	— 0,02	3867	0,433	1,090	0,11	6,296	16,90	— 0,15	
19	22,42	— 0,02	3875	0,433	1,090	0,08	6,296	16,96	— 0,15	
20	22,44	— 0,02	3880	0,434	1,090	0,05	6,297	17,02	— 0,14	
21	22,46	— 0,02	3882	0,434	1,090	0,01	6,297	17,07	— 0,13	
22	22,46	— 0,02	3882	0,434	1,090	0,02	6,297	17,12	— 0,12	
23	22,46	— 0,02	3879	0,434	1,090	0,05	6,297	17,16	— 0,11	
24	22,45	— 0,01	3874	0,433	1,090	0,08	6,296	17,19	— 0,10	
25	22,43	— 0,01	3866	0,433	1,089	0,12	[illegible]	[illegible]	— 0,09	
26	22,40	— 0,01	3855	0,432	1,089	0,15	[illegible]	[illegible]	— 0,09	
27	22,36	— 0,01	3842	0,431	1,089	0,18	[illegible]	[illegible]	— 0,08	
28	22,31	— 0,01	3826	0,430	1,089	0,21	[illegible]	[illegible]	— 0,07	
29	22,25	— 0,01	3808	0,429	1,088	0,24	6,294	17,30	— 0,06	
30	22,18	— 0,01	3787	0,428	1,088	0,28	6,293	17,31	— 0,05	
31	22,11	— 0,01	3764	0,427	1,087	0,31	6,292	17,31	— 0,04	
32	22,02	0,00	3739	0,425	1,086	0,34	6,290	17,31	— 0,03	

Tabula XIII.

Reductio observationum Lunae.

Arg. = Log. [ϱ Sin. π Cos. (φ′ − δ)]

Arg.	Log. *A*	
7,00	9,99957	6
7,05	9,99951	6
7,10	9,99945	6
7,15	9,99939	8
7,20	9,99931	8
7,25	9,99923	10
7,30	9,99913	10
7,35	9,99903	12
7,40	9,99891	14
7,45	9,99877	15
7,50	9,99862	16
7,55	9,99846	4
7,56	9,99842	4
7,57	9,99838	4
7,58	9,99834	3
7,59	9,99831	4
7,60	9,99827	4
7,61	9,99823	4
7,62	9,99819	5
7,63	9,99814	4
7,64	9,99810	4
7,65	9,99806	5
7,66	9,99801	5
7,67	9,99796	4
7,68	9,99792	5
7,69	9,99787	5
7,70	9,99782	5
7,71	9,99777	6
7,72	9,99771	5
7,73	9,99766	5
7,74	9,99761	6
7,75	9,99755	6
7,76	9,99749	5
7,77	9,99744	6
7,78	9,99738	7
7,79	9,99731	6
7,80	9,99725	6
7,81	9,99719	7
7,82	9,99712	7
7,83	9,99705	6
7,84	9,99699	8
7,85	9,99691	

Arg.	Log. *A*	
7,85	9,99691	7
7,86	9,99684	7
7,87	9,99677	8
7,88	9,99669	7
7,89	9,99662	8
7,90	9,99654	8
7,91	9,99646	9
7,92	9,99637	8
7,93	9,99629	9
7,94	9,99620	9
7,95	9,99611	9
7,96	9,99602	9
7,97	9,99593	10
7,98	9,99583	9
7,99	9,99574	10
8,00	9,99564	11
8,01	9,99553	10
8,02	9,99543	11
8,03	9,99532	11
8,04	9,99521	11
8,05	9,99510	12
8,06	9,99498	11
8,07	9,99487	12
8,08	9,99475	13
8,09	9,99462	12
8,10	9,99450	13
8,11	9,99437	13
8,12	9,99424	14
8,13	9,99410	14
8,14	9,99396	14
8,15	9,99382	14
8,16	9,99368	15
8,17	9,99353	15
8,18	9,99338	16
8,19	9,99322	16
8,20	9,99306	16
8,21	9,99290	17
8,22	9,99273	17
8,23	9,99256	17
8,24	9,99239	18
8,25	9,99221	19
8,26	9,99202	

Arg. = Δα

Arg.	Log. *B*	
5° 10′	0,01261	42
20	0,01303	41
30	0,01344	41
40	0,01385	42
50	0,01427	41
6 0	0,01468	42
10	0,01510	41
20	0,01551	42
30	0,01593	41
40	0,01634	42
50	0,01676	42
7 0	0,01718	42
10	0,01760	41
20	0,01801	42
30	0,01843	42
40	0,01885	42
50	0,01927	42
8 0	0,01969	42
10	0,02011	42
20	0,02053	42
30	0,02095	

Arg. = Δδ

Arg.	λ′
0° 10′	0″,0139
20	0,0277
30	0,0416
40	0,0554
50	0,0693
1 0	0,0831
10	0,0970
20	0,1108
30	0,1247
40	0,1385
50	0,1524
2 0	0,1662
10	0,1801
20	0,1939
30	0,2078
40	0,2216
50	0,2355
3 0	0,2493
10	0,2632
20	0,2770
30	0,2909

Tabula XIV.

Refractio astronomica.

Dist. a Vert.	Log. α	Diff.	λ
0°	1,76156		
5	1,76156	0	
10	1,76154	2	
15	1,76152	2	
20	1,76149	3	
25	1,76145	4	
30	1,76139	6	
31	1,76138	1	
32	1,76136	2	
33	1,76134	2	
34	1,76132	2	
35	1,76130	2	
36	1,76128	2	
37	1,76126	2	
38	1,76124	2	
39	1,76122	2	
40	1,76119	3	
41	1,76117	2	
42	1,76114	3	
43	1,76111	3	
44	1,76107	4	
45	1,76104	3	1,0018
46	1,76100	4	1,0019
47	1,76096	4	1,0019
48	1,76092	4	1,0020
49	1,76087	5	1,0021
50	1,76082	5	1,0023
51	1,76077	5	1,0025
52	1,76071	6	1,0026
53	1,76065	6	1,0027
54	1,76058	7	1,0029
55	1,76050	8	1,0031
56	1,76042	8	1,0034
57	1,76033	9	1,0037
58	1,76023	10	1,0040
59	1,76012	11	1,0043
60	1,76001	11	1,0046
61	1,75988	13	1,0049
62	1,75973	15	1,0054
63	1,75957	16	1,0058
64	1,75939	18	1,0063
65	1,75919	20	1,0068
66	1,75897	22	1,0075
67	1,75871	26	1,0083
68	1,75842	29	1,0092

Dist. a Vert.	Log. α	Diff.	A	λ
68°	1,75842			1,0092
69	1,75809	33		1,0101
70	1,75771	38		1,0111
71	1,75726	45		1,0124
72	1,75675	51		1,0139
73	1,75615	60		1,0156
74	1,75543	72		1,0175
75 0	1,75457	86		1,0197
10	1,75441	16		1,0200
20	1,75425	16		1,0204
30	1,75408	17		1,0208
40	1,75391	17		1,0212
50	1,75373	18		1,0216
76 0	1,75355	18		1,0220
10	1,75336	19		1,0225
20	1,75316	20		1,0230
30	1,75295	21		1,0235
40	1,75274	21		1,0241
50	1,75252	22		1,0246
77 0	1,75229	23	1,0026	1,0252
10	1,75205	24	1,0026	1,0258
20	1,75180	25	1,0027	1,0264
30	1,75155	25	1,0027	1,0272
40	1,75129	26	1,0028	1,0281
50	1,75101	28	1,0029	1,0290
78 0	1,75072	29	1,0030	1,0299
10	1,75043	29	1,0030	1,0308
20	1,75013	30	1,0031	1,0318
30	1,74981	32	1,0032	1,0328
40	1,74947	34	1,0033	1,0338
50	1,74912	35	1,0034	1,0347
79 0	1,74876	36	1,0035	1,0357
10	1,74839	37	1,0036	1,0367
20	1,74799	40	1,0037	1,0377
30	1,74757	42	1,0038	1,0387
40	1,74714	43	1,0039	1,0398
50	1,74670	44	1,0040	1,0409
80 0	1,74623	47	1,0041	1,0420
10	1,74573	50	1,0042	1,0431
20	1,74521	52	1,0043	1,0442
30	1,74468	53	1,0045	1,0454
40	1,74412	56	1,0046	1,0466
50	1,74352	60	1,0047	1,0479
81 0	1,74288	64	1,0049	1,0493

Tabula XIV. *continuata.*

Refractio astronomica.

Dist. a Vert.	Log. α	Diff.	A	λ
81° 0′	1,74288	65	1,0049	1,0493
10	1,74223	68	1,0050	1,0508
20	1,74155	72	1,0052	1,0523
30	1,74083	76	1,0054	1,0540
40	1,74007	79	1,0056	1,0559
50	1,73928	83	1,0058	1,0579
82 0	1,73845	88	1,0060	1,0600
10	1,73757	94	1,0062	1,0622
20	1,73663	99	1,0065	1,0646
30	1,73564	105	1,0067	1,0671
40	1,73459	112	1,0070	1,0697
50	1,73347	118	1,0073	1,0725
83 0	1,73229	124	1,0075	1,0754
10	1,73105	131	1,0078	1,0784
20	1,72974	142	1,0081	1,0815
30	1,72832	151	1,0084	1,0846
40	1,72681	162	1,0088	1,0879
50	1,72519	173	1,0092	1,0914
84 0	1,72346	186	1,0096	1,0951
10	1,72160	199	1,0100	1,0992
20	1,71961	212	1,0105	1,1036
30	1,71749	227	1,0110	1,1082
40	1,71522	243	1,0115	1,1130
50	1,71279	259	1,0121	1,1178
85 0	1,71020		1,0127	1,1229

Supplementum Tabulae praecedentis.

	Log. Refr.	A	λ
85° 0′	2,76687	1,0127	1,1229
30	2,80590	1,0147	1,1408
86 0	2,84444	1,0172	1,1624
30	2,88555	1,0204	1,1888
87 0	2,93174	1,0244	1,2215
30	2,98269	1,0298	1,2624
88 0	3,03686	1,0368	1,3141
30	3,09723	1,0465	1,3797
89 0	3,16572	1,0593	1,4653
30	3,24142	1,0780	1,5789

Factor Refractionis a gradu Thermometri in Barometro affixi pendens = T

Scala *Fahrenheitiana*

	Log. T
— 30°	+ 0,00242
— 20	+ 0,00203
— 10	+ 0,00164
0	+ 0,00125
+ 10	+ 0,00086
+ 20	+ 0,00047
+ 30	+ 0,00008
+ 40	— 0,00031
+ 50	— 0,00070
+ 60	— 0,00109
+ 70	— 0,00148
+ 80	— 0,00186
+ 90	— 0,00225
+ 100	— 0,00264

Scala

	Réaumur Log. T	*Centes.* Log. T
— 35°	+ 0,00308	+ 0,00246
— 30	+ 0,00264	+ 0,00211
— 25	+ 0,00220	+ 0,00176
— 20	+ 0,00176	+ 0,00140
— 15	+ 0,00132	+ 0,00105
— 10	+ 0,00088	+ 0,00070
— 5	+ 0,00044	+ 0,00035
0	0,00000	0,00000
+ 5	— 0,00044	— 0,00035
+ 10	— 0,00088	— 0,00070
+ 15	— 0,00131	— 0,00105
+ 20	— 0,00175	— 0,00140
+ 25	— 0,00218	— 0,00175
+ 30	— 0,00262	— 0,00210
+ 35	— 0,00305	— 0,00244

Tabula XIV. *continuata.*

Refractio astronomica.

Factor Refractionis ab altitudine Barometri pendens $= B$

Partes pedis Parisiensis		Partes pedis Anglici		Partes Metrorum Gallicorum			
Lin.	Log. *B*	Poll.	Log. *B*		Log. *B*		Log. *B*
315	− 0,02445	27,5	− 0,03191	0,725	−0,01560	0,760	+0,00488
316	− 0,02307	27,6	− 0,03033	0,726	−0,01500	0,761	+0,00545
317	− 0,02170	27,7	− 0,02876	0,727	−0,01440	0,762	+0,00602
318	− 0,02033	27,8	− 0,02720	0,728	−0,01380	0,763	+0,00659
319	− 0,01897	27,9	− 0,02564	0,729	−0,01321	0,764	+0,00716
320	− 0,01761	28,0	− 0,02409	0,730	−0,01261	0,765	+0,00773
321	− 0,01625	28,1	− 0,02254	0,731	−0,01202	0,766	+0,00830
322	− 0,01490	28,2	− 0,02099	0,732	−0,01142	0,767	+0,00886
323	− 0,01356	28,3	− 0,01946	0,733	−0,01083	0,768	+0,00943
324	− 0,01221	28,4	− 0,01793	0,734	−0,01024	0,769	+0,00999
325	− 0,01088	28,5	− 0,01640	0,735	−0,00965	0,770	+0,01056
326	− 0,00954	28,6	− 0,01488	0,736	−0,00906	0,771	+0,01112
327	− 0,00821	28,7	− 0,01336	0,737	−0,00847	0,772	+0,01168
328	− 0,00689	28,8	− 0,01185	0,738	−0,00788	0,773	+0,01225
329	− 0,00556	28,9	− 0,01035	0,739	−0,00729	0,774	+0,01281
330	− 0,00425	29,0	− 0,00885	0,740	−0,00670	0,775	+0,01337
331	− 0,00293	29,1	− 0,00735	0,741	−0,00612	0,776	+0,01393
332	− 0,00162	29,2	− 0,00586	0,742	−0,00553	0,777	+0,01449
333	− 0,00032	29,3	− 0,00438	0,743	−0,00494	0,778	+0,01505
334	+ 0,00099	29,4	− 0,00290	0,744	−0,00436	0,779	+0,01560
335	+ 0,00228	29,5	− 0,00142	0,745	−0,00378	0,780	+0,01616
336	+ 0,00358	29,6	+ 0,00005	0,746	−0,00319	0,781	+0,01672
337	+ 0,00487	29,7	+ 0,00151	0,747	−0,00261	0,782	+0,01727
338	+ 0,00616	29,8	+ 0,00297	0,748	−0,00203	0,783	+0,01783
339	+ 0,00744	29,9	+ 0,00443	0,749	−0,00145	0,784	+0,01838
340	+ 0,00872	30,0	+ 0,00588	0,750	−0,00087	0,785	+0,01894
341	+ 0,00999	30,1	+ 0,00732	0,751	−0,00029	0,786	+0,01949
342	+ 0,01127	30,2	+ 0,00876	0,752	+0,00028	0,787	+0,02004
343	+ 0,01253	30,3	+ 0,01020	0,753	+0,00086	0,788	+0,02059
344	+ 0.01380	30,4	+ 0,01163	0,754	+0,00144	0,789	+0,02114
345	+ 0.01506	30 5	+ 0,01306	0,755	+0,00201	0,790	+0,02169
346	+ 0.01632	30,6	+ 0,01448	0,756	+0,00259	0,791	+0,02224
347	+ 0,01757	30,7	+ 0,01589	0,757	+0,00316	0,792	+0,02279
348	+ 0,01882	30,8	+ 0,01731	0,758	+0,00374	0,793	+0,02334
349	+ 0,02007	30,9	+ 0,01871	0,759	+0,00431	0,794	+0,02389
350	+ 0,02131	31,0	+ 0,02012	0,760	+0,00488	0,795	+0,02443

$$\text{Log. } \beta = \text{Log. } B + \text{Log. } T.$$

Tabula XIV. *continuata.*

Refractio astronomica.

Factor Refractionis a gradu Thermometri exterioris pendens = γ

Scala *Fahrenheitiana*

	Log. γ		Log. γ		Log. γ
− 25°	+ 0,06773	15°	+ 0,02969	55°	− 0,00528
− 24	+ 0,06674	16	+ 0,02878	56	− 0,00612
− 23	+ 0,06575	17	+ 0,02787	57	− 0,00698
− 22	+ 0,06476	18	+ 0,02697	58	− 0,00780
− 21	+ 0,06377	19	+ 0,02606	59	− 0,00863
− 20	+ 0,06279	20	+ 0,02514	60	− 0,00946
− 19	+ 0,06181	21	+ 0,02426	61	− 0,01029
− 18	+ 0,06083	22	+ 0,02336	62	− 0,01112
− 17	+ 0,05985	23	+ 0,02247	63	− 0,01195
− 16	+ 0,05887	24	+ 0,02157	64	− 0,01278
− 15	+ 0,05790	25	+ 0,02068	65	− 0,01360
− 14	+ 0,05693	26	+ 0,01979	66	− 0,01443
− 13	+ 0,05596	27	+ 0,01890	67	− 0,01525
− 12	+ 0,05500	28	+ 0,01801	68	− 0,01607
− 11	+ 0,05403	29	+ 0,01713	69	− 0,01689
− 10	+ 0,05307	30	+ 0,01624	70	− 0,01770
− 9	+ 0,05211	31	+ 0,01536	71	− 0,01852
− 8	+ 0,05115	32	+ 0,01448	72	− 0,01933
− 7	+ 0,05020	33	+ 0,01360	73	− 0,02015
− 6	+ 0,04924	34	+ 0,01273	74	− 0,02096
− 5	+ 0,04829	35	+ 0,01185	75	− 0,02177
− 4	+ 0,04734	36	+ 0,01098	76	− 0,02257
− 3	+ 0,04640	37	+ 0,01011	77	− 0,02338
− 2	+ 0,04545	38	+ 0,00924	78	− 0,02419
− 1	+ 0,04451	39	+ 0,00837	79	− 0,02499
0	+ 0,04357	40	+ 0,00750	80	− 0,02579
+ 1	+ 0,04263	41	+ 0,00664	81	− 0,02659
2	+ 0,04169	42	+ 0,00578	82	− 0,02738
3	+ 0,04076	43	+ 0,00492	83	− 0,02819
4	+ 0,03982	44	+ 0,00406	84	− 0,02898
5	+ 0,03889	45	+ 0,00320	85	− 0,02978
6	+ 0,03796	46	+ 0,00234	86	− 0,03057
7	+ 0,03704	47	+ 0,00149	87	− 0,03136
8	+ 0,03611	48	+ 0,00064	88	− 0,03216
9	+ 0,03519	49	− 0,00021	89	− 0,03294
10	+ 0,03427	50	− 0,00106	90	− 0,03373
11	+ 0,03335	51	− 0,00191	91	− 0,03452
12	+ 0,03243	52	− 0,00275	92	− 0,03530
13	+ 0,03152	53	− 0,00360	93	− 0,03609
14	+ 0,03060	54	− 0,00444	94	− 0,03687
15	+ 0,02969	55	− 0,00528	95	− 0,03765

Tabula XIV. *continuata.*

Refractio astronomica.

Factor Refractionis a gradu Thermometri exterioris pendens $= \gamma$

	Scala *Réaum.* Log. γ	Scala *Centes.* Log. γ		Scala *Réaum.* Log. γ	Scala *Centes.* Log. γ
— 35°	+ 0,08990	+ 0,07373	0°	+ 0,01448	+ 0,01448
— 34	+ 0,08755	+ 0,07192	+ 1	+ 0,01251	+ 0,01290
— 33	+ 0,08522	+ 0,07012	2	+ 0,01054	+ 0,01133
— 32	+ 0,08290	+ 0,06833	3	+ 0,00859	+ 0,00976
— 31	+ 0,08059	+ 0,06654	4	+ 0,00664	+ 0,00820
— 30	+ 0,07829	+ 0,06476	5	+ 0,00470	+ 0,00664
— 29	+ 0,07601	+ 0,06298	6	+ 0,00277	+ 0,00509
— 28	+ 0,07373	+ 0,06122	7	+ 0,00085	+ 0,00354
— 27	+ 0,07147	+ 0,05946	8	— 0,00106	+ 0,00200
— 26	+ 0,06922	+ 0,05771	9	— 0,00297	+ 0,00047
— 25	+ 0,06698	+ 0,05596	10	— 0,00486	— 0,00106
— 24	+ 0,06476	+ 0,05423	11	— 0,00675	— 0,00259
— 23	+ 0,06254	+ 0,05249	12	— 0,00863	— 0,00410
— 22	+ 0,06034	+ 0,05077	13	— 0,01050	— 0,00562
— 21	+ 0,05815	+ 0,04905	14	— 0,01236	— 0,00713
— 20	+ 0,05596	+ 0,04734	15	— 0,01422	— 0,00863
— 19	+ 0,05379	+ 0,04564	16	— 0,01607	— 0,01013
— 18	+ 0,05163	+ 0,04394	17	— 0,01791	— 0,01162
— 17	+ 0,04948	+ 0,04225	18	— 0,01974	— 0,01311
— 16	+ 0,04734	+ 0,04057	19	— 0,02156	— 0,01459
— 15	+ 0,04522	+ 0,03889	20	— 0,02338	— 0,01607
— 14	+ 0,04310	+ 0,03722	21	— 0,02519	— 0,01754
— 13	+ 0,04099	+ 0,03556	22	— 0,02699	— 0,01901
— 12	+ 0,03889	+ 0,03390	23	— 0,02879	— 0,02047
— 11	+ 0,03681	+ 0,03225	24	— 0,03057	— 0,02192
— 10	+ 0,03473	+ 0,03060	25	— 0,03235	— 0,02338
— 9	+ 0,03266	+ 0,02896	26	— 0,03412	— 0,02483
— 8	+ 0,03060	+ 0,02733	27	— 0,03589	— 0,02627
— 7	+ 0,02855	+ 0,02570	28	— 0,03765	— 0,02771
— 6	+ 0,02652	+ 0,02408	29	— 0,03940	— 0,02914
— 5	+ 0,02449	+ 0,02247	30	— 0,04114	— 0,03057
— 4	+ 0,02247	+ 0,02086	31	— 0,04288	— 0,03200
— 3	+ 0,02046	+ 0,01926	32	— 0,04461	— 0,03342
— 2	+ 0,01846	+ 0,01766	33	— 0,04633	— 0,03483
— 1	+ 0,01646	+ 0,01607	34	— 0,04805	— 0,03624
0	+ 0,01448	+ 0,01448	35	— 0,04976	— 0,03765

Log. Refractionis $= l$ Tang. $D.aV. + la + A.l\beta + \lambda.l\gamma.$

E r r a t a.

					corrige
Pag.	VI	lin.	5	$b' = b\,a -$ Sin etc.	$b' = b - a$ Sin etc.
—	VII	—	23	$90° - t$	$90° - z$
—	VIII	—	29	Tang. $\frac{1}{2}(\delta' + \delta)$	Cotang $\frac{1}{2}(\delta' + \delta)$
—	X	—	8	$\frac{dx}{dt}$	$\frac{d\alpha}{dt}$
		—	19	uti	ubi
—	XI	—	2	$\left(\frac{n'^3}{12} - \frac{n'm'}{6}\right)^2$	$\left(\frac{n'^3}{12} - \frac{n'm'^2}{6}\right)$
—	XXIV	—	21	quondam	quibusdam seriebus
—	XXVIII	—	28	Tab. VI. Col. 1.	Tab. VII. Col. 1.
—	XXXI	—	12	$i = 0'',33308$; etc.	$i = 0,33308$; etc.
		—	13	$0'',33324$; etc.	$0,33324$; etc.
—	XL	—	39	fieri	sciri
—	XLVIII	—	9	2α Sin $\frac{1}{2}\delta^2$	$2a$ Sin $\frac{1}{2}\delta^2$
—	LI	—	12	$\alpha . A + b . B$	$a . A + b . B$
—	LII	—	38	Sin φ, Cos φ	Sin φ', Cos φ'
—	LIX	—	24	$(\varrho)\ \frac{-g-l}{gl} . as$	$(\varrho) . e^{-\frac{g-l}{gl} . as}$
—	85	Octob. 17.		$E = -0'',08$	$-0'',03$
—	117	Janr. 22.		$C = -0,9880n$	$0,9980n$
—	216	1773		Jan. 0 $+7° 20' 37'',82$	$+7° 20' 37'',32$
—	419	1824		$8' 16'' 4893$	$8' 16'',9893$
—	488	1849		Dec. 66. $44'',54$	$34'',54$
—	490	1833		Octob. 27. $57'',95$	$56'',95$
—	528	Apr. 10.		Mora transit. $9'',43$	$9'',33$